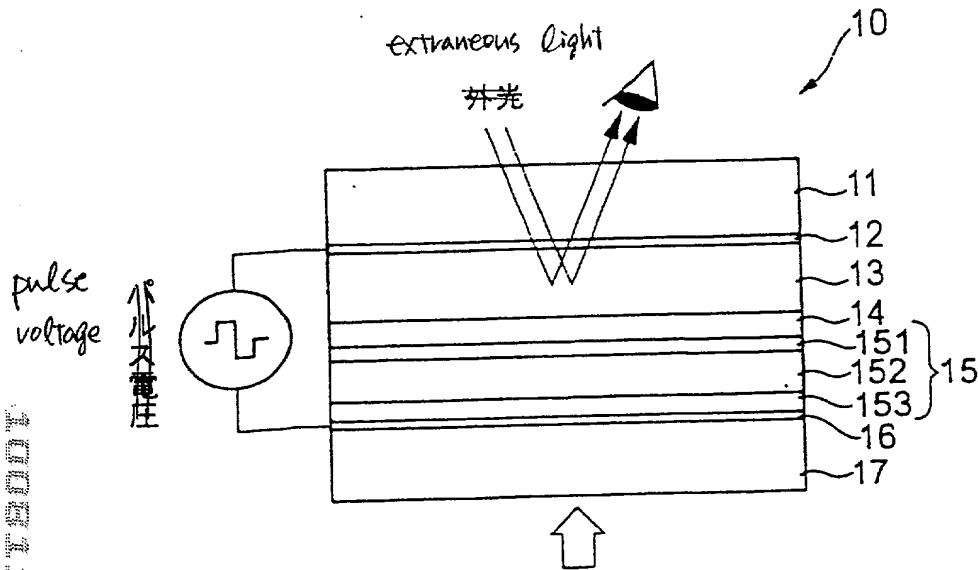


[書類名]

図面

図1 FIG. 1



■込み光(画像状の明暗パターン)  
write light (light and dark pattern like image)

図2 FIG. 2

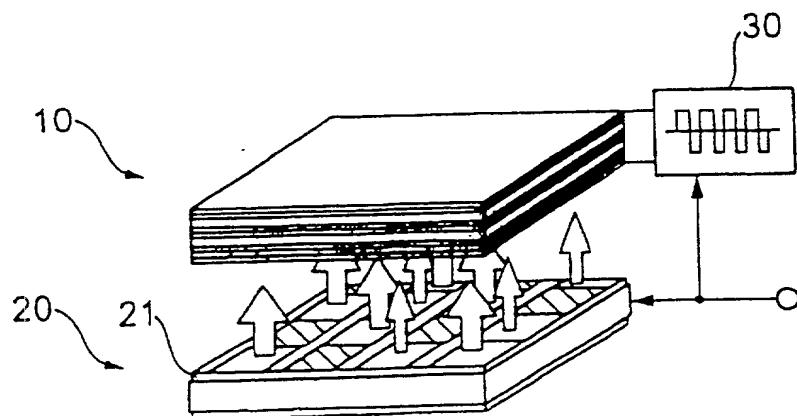
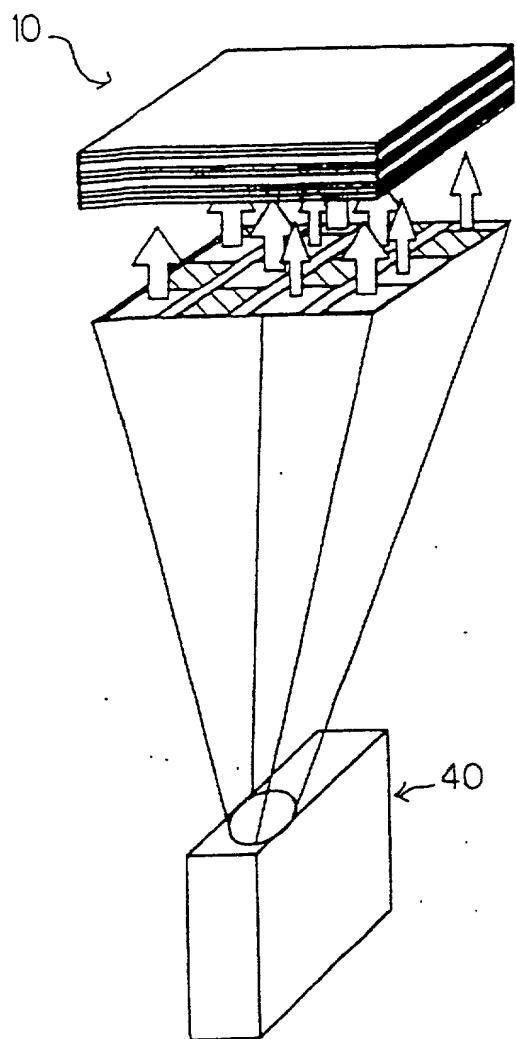
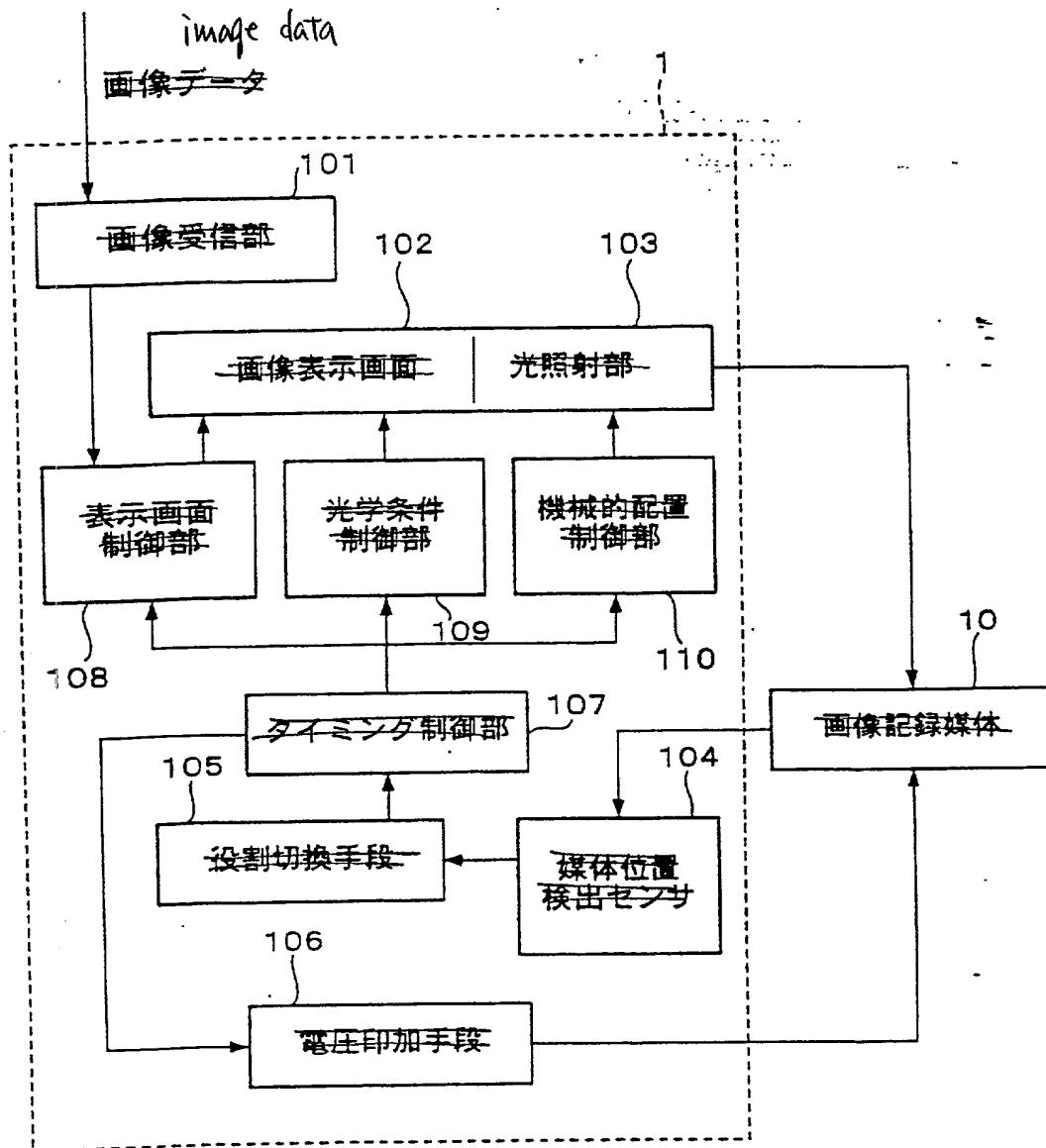


FIG. 3



[~~FIG. 4~~] FIG. 4



- 101 IMAGE RECORD MEDIUM
- 101 IMAGE RECEPTION SECTION
- 102 IMAGE DISPLAY SCREEN
- 103 LIGHT APPLICATION SECTION
- 104 MEDIUM POSITION DETECTION SENSOR
- 105 ROLE SWITCH MEANS
- 106 VOLTAGE APPLICATION MEANS
- 107 TIMING CONTROL SECTION
- 108 DISPLAY SCREEN CONTROL SECTION
- 109 OPTICAL CONDITION CONTROL SECTION
- 110 MECHANICAL PLACEMENT CONTROL SECTION

FIG. 5

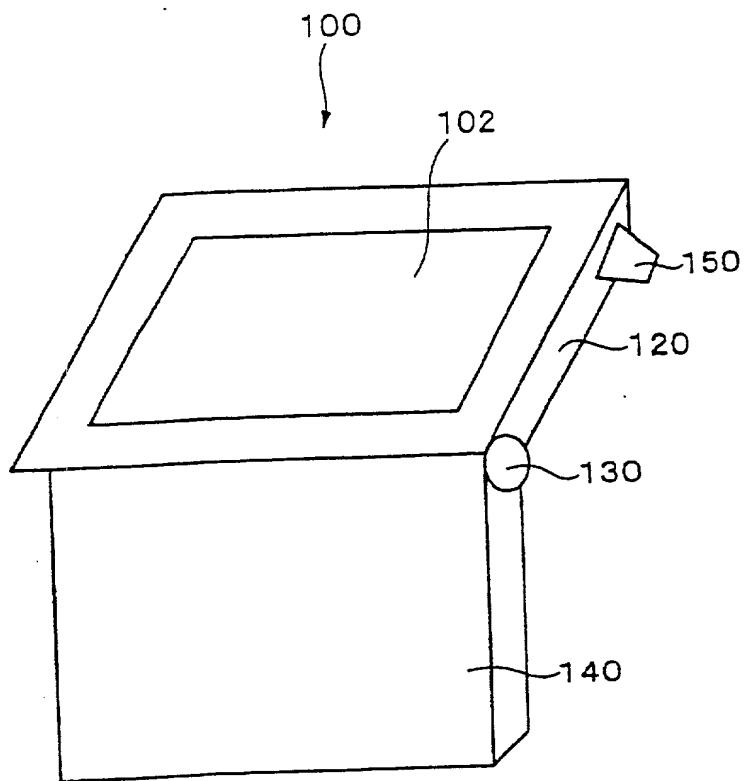
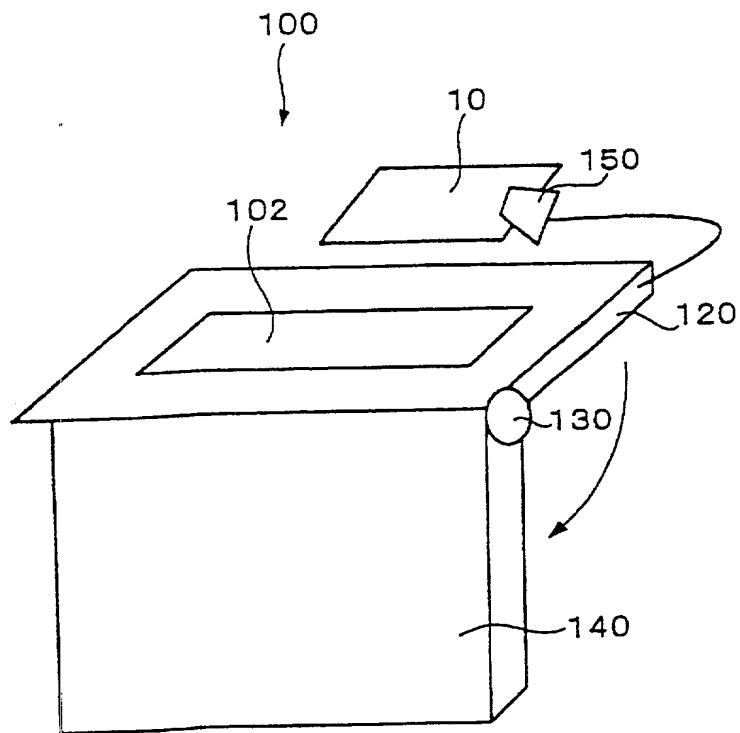


FIG. 6



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FIG. 7

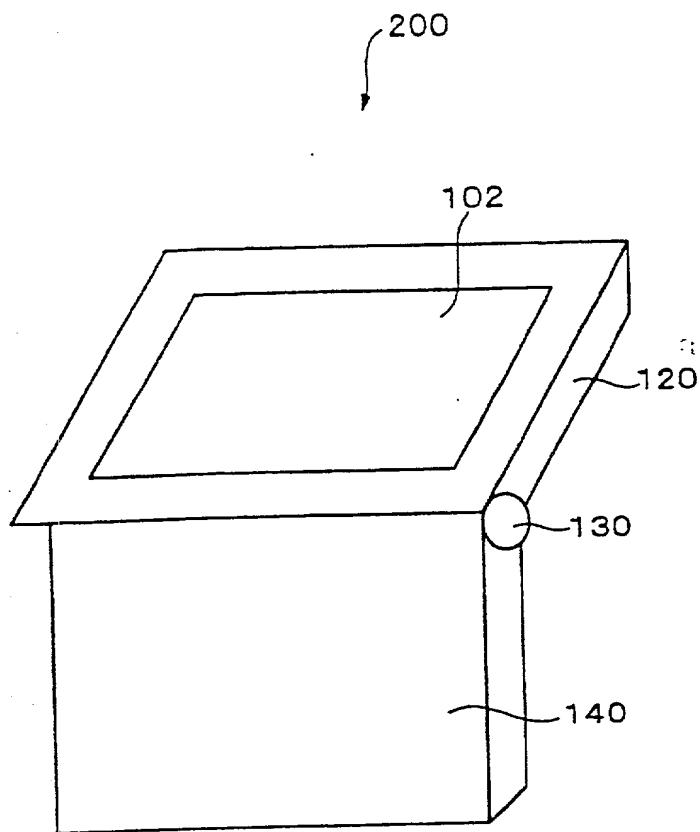


FIG. 8

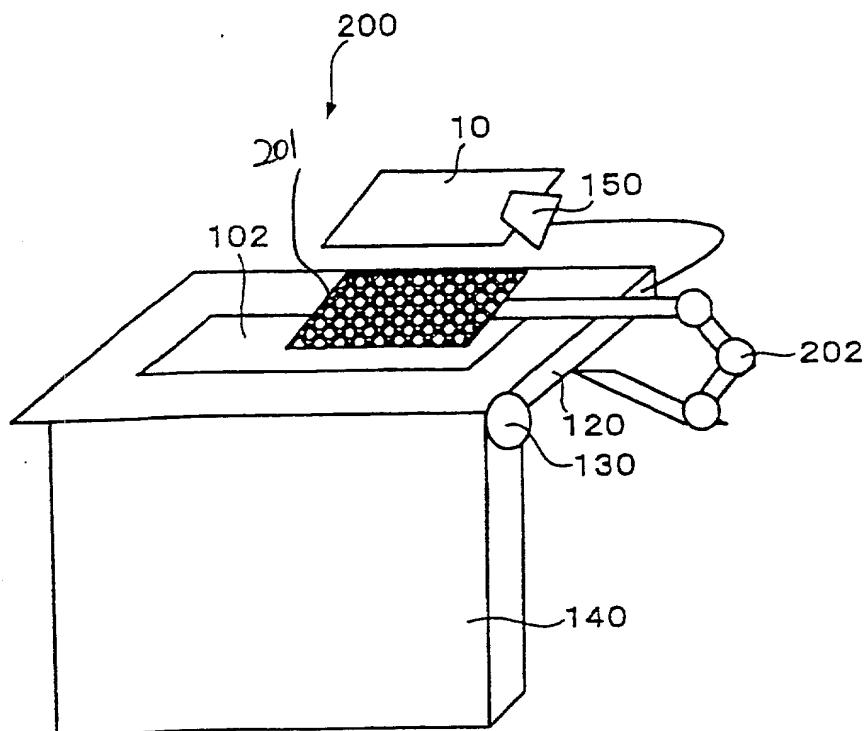
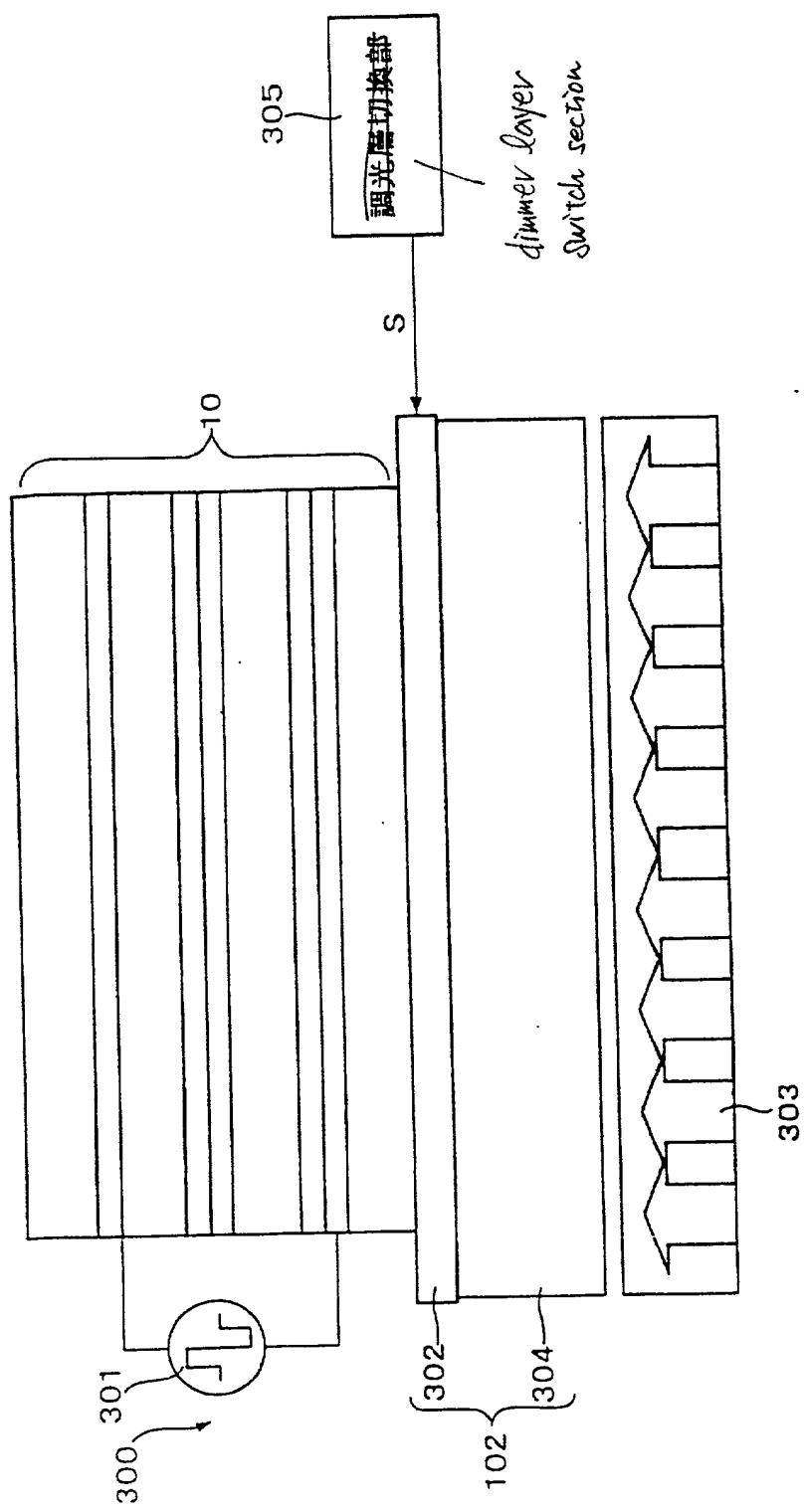


图9



十四

Fig. 10

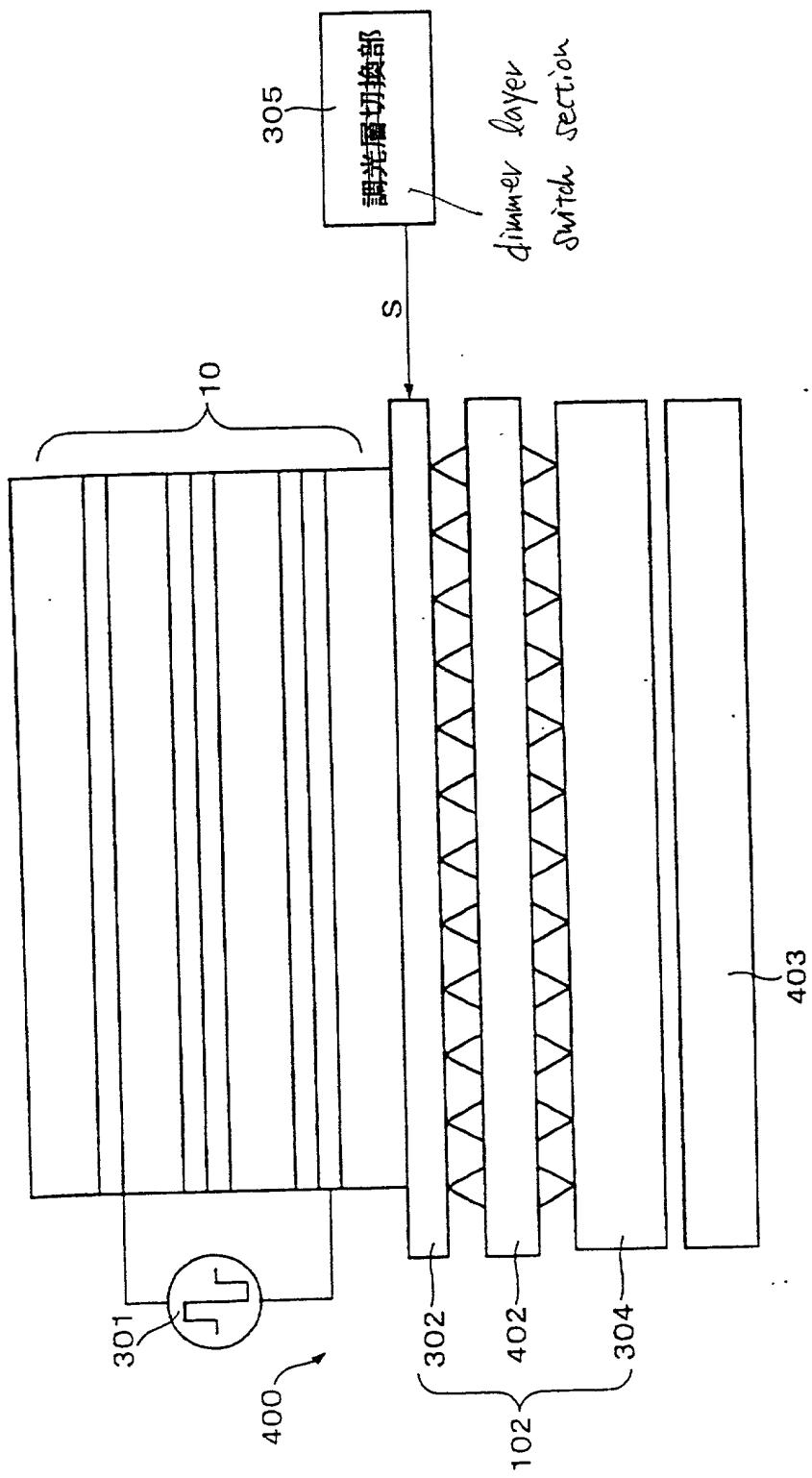


FIG. 11

voltage-dimmer layer switch  
synchronization control section

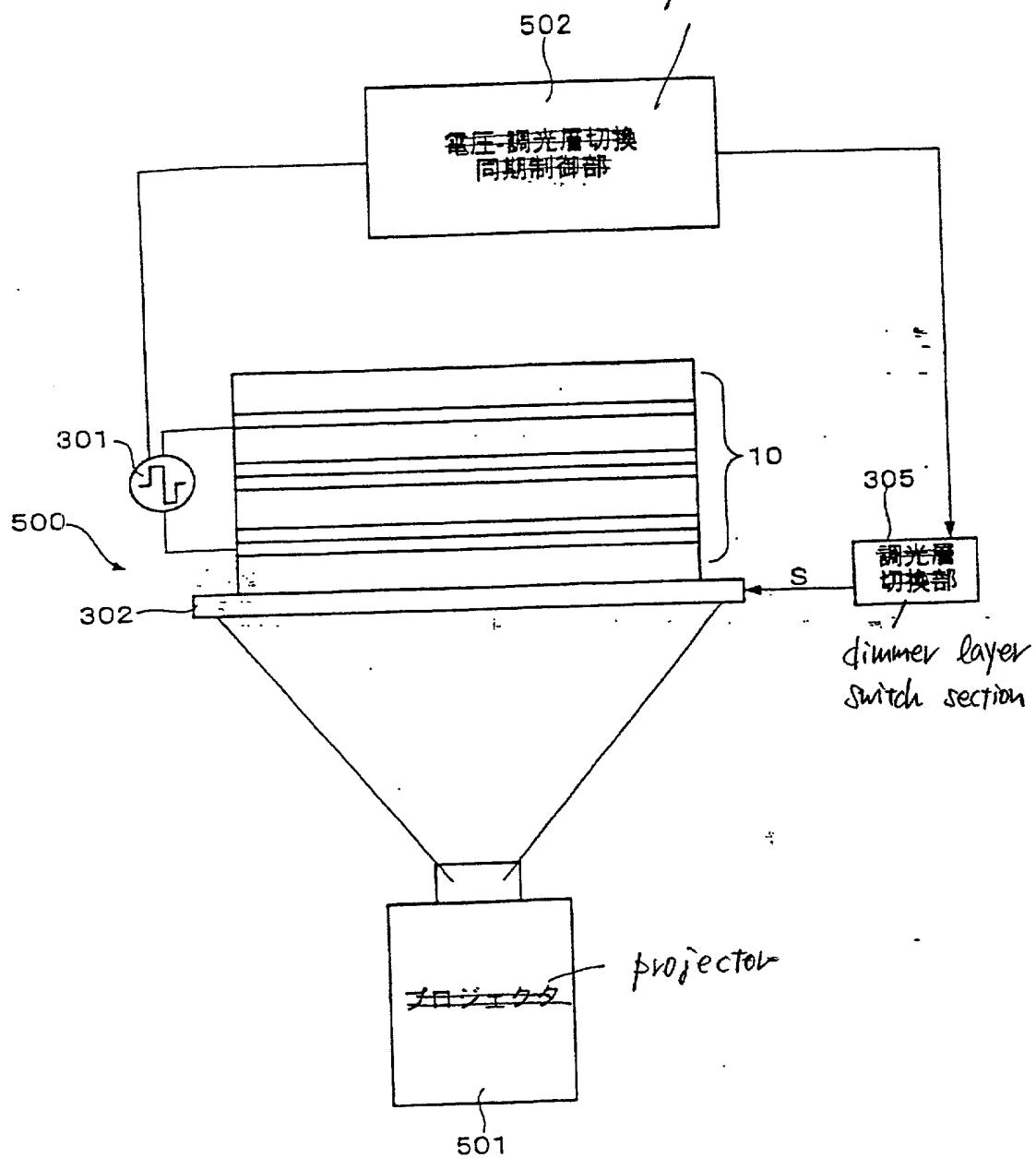
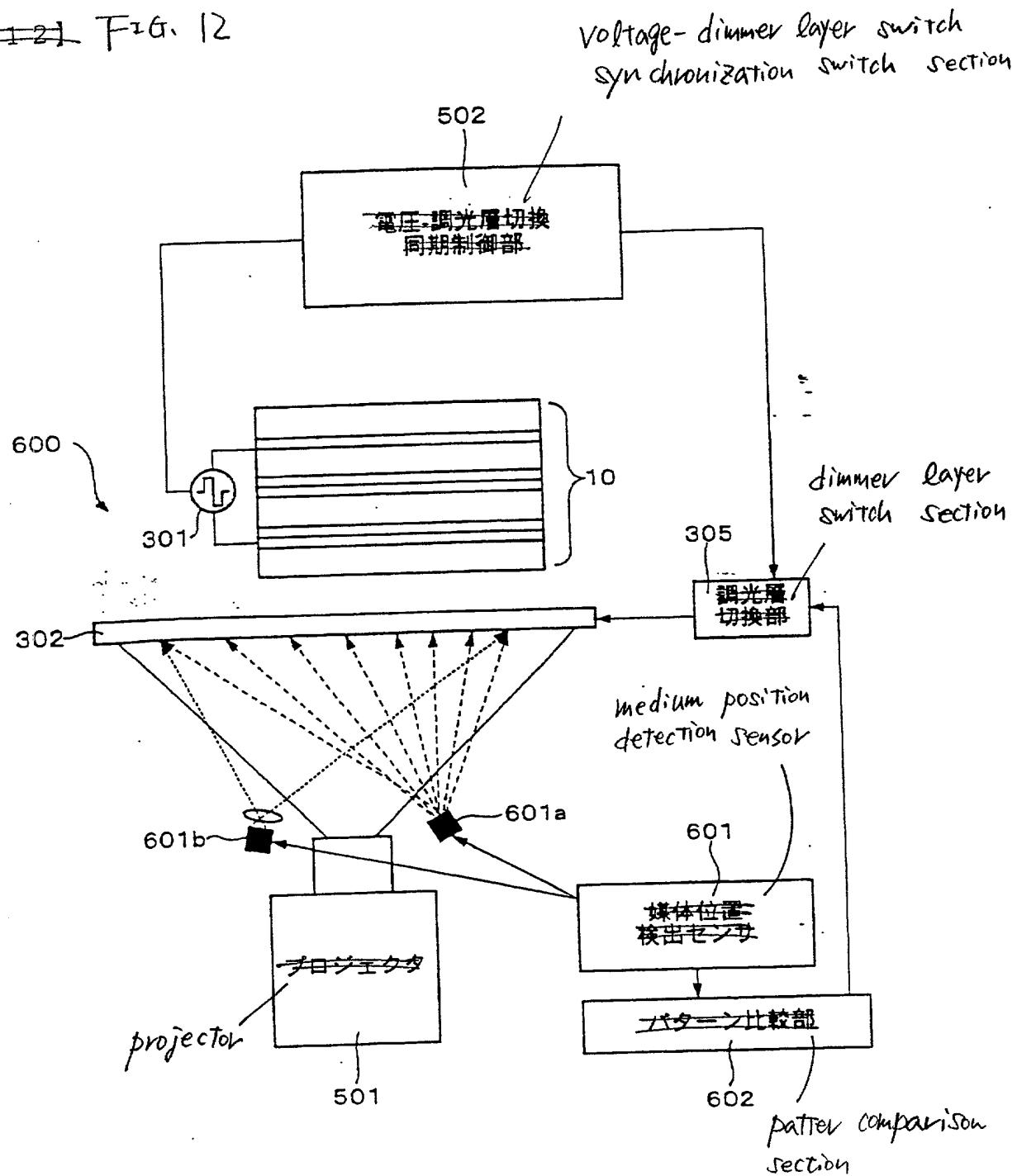


FIG. 12



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FIG. 13

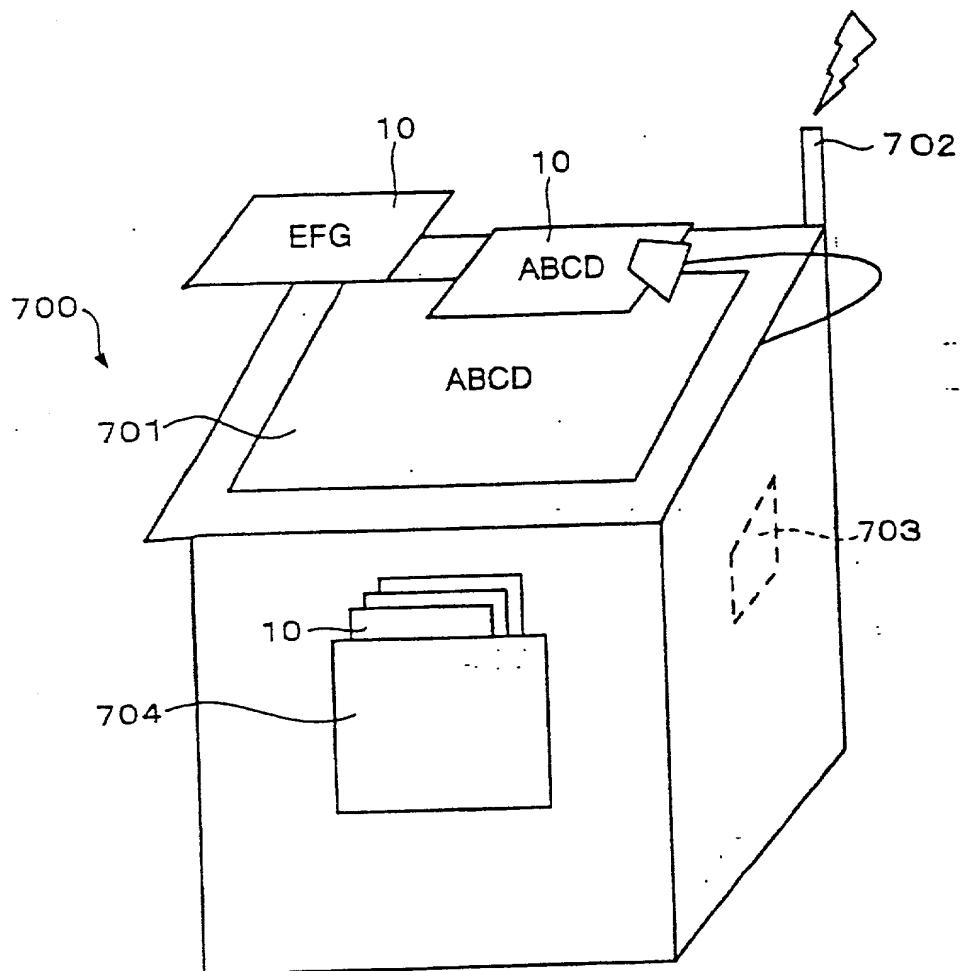
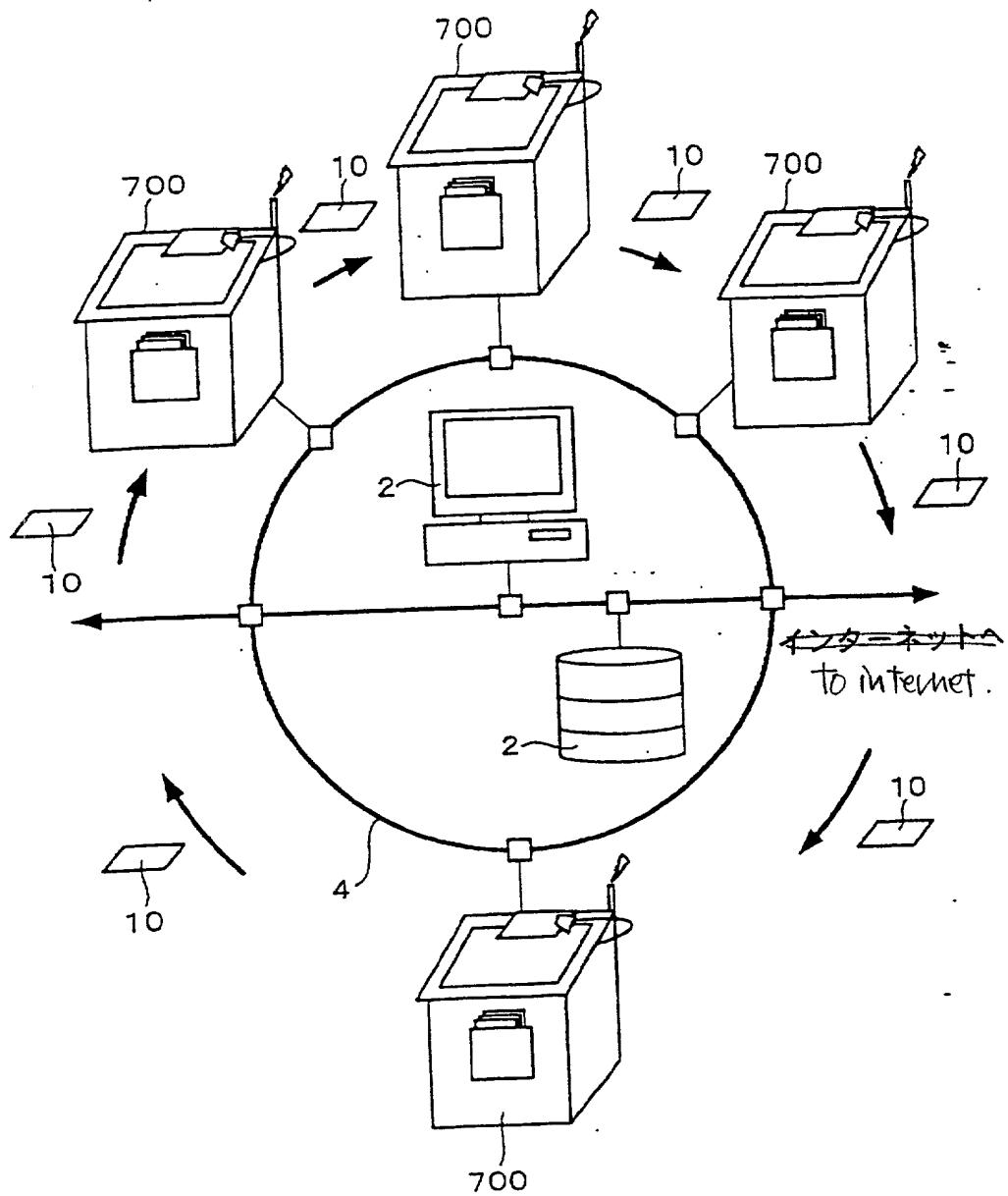


FIG. 14



~~15~~ FIG. 15

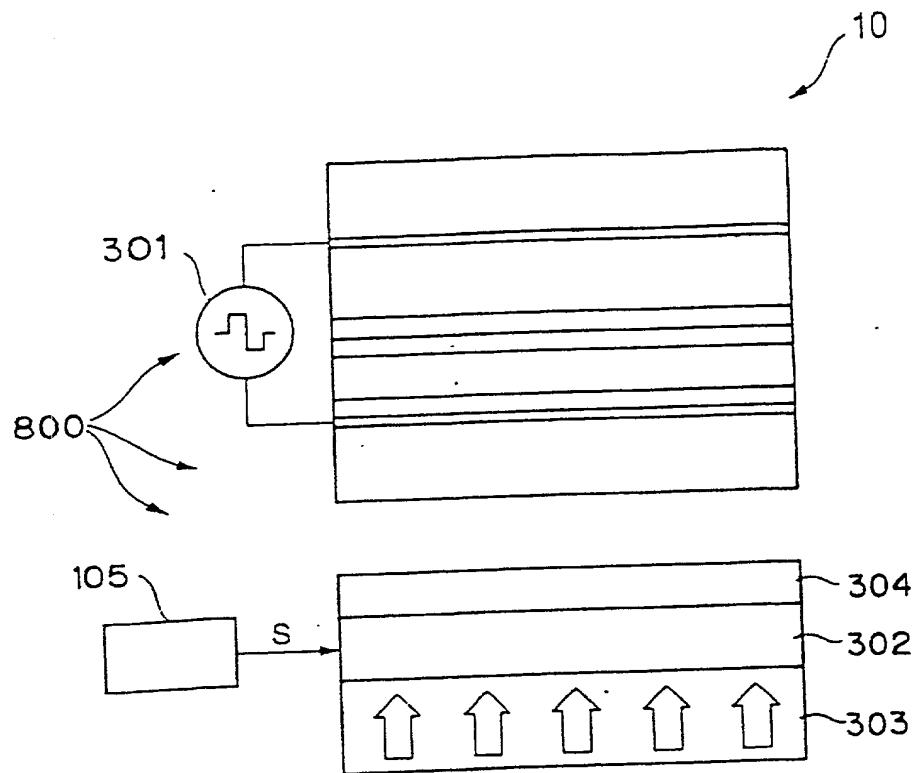


FIG. 16

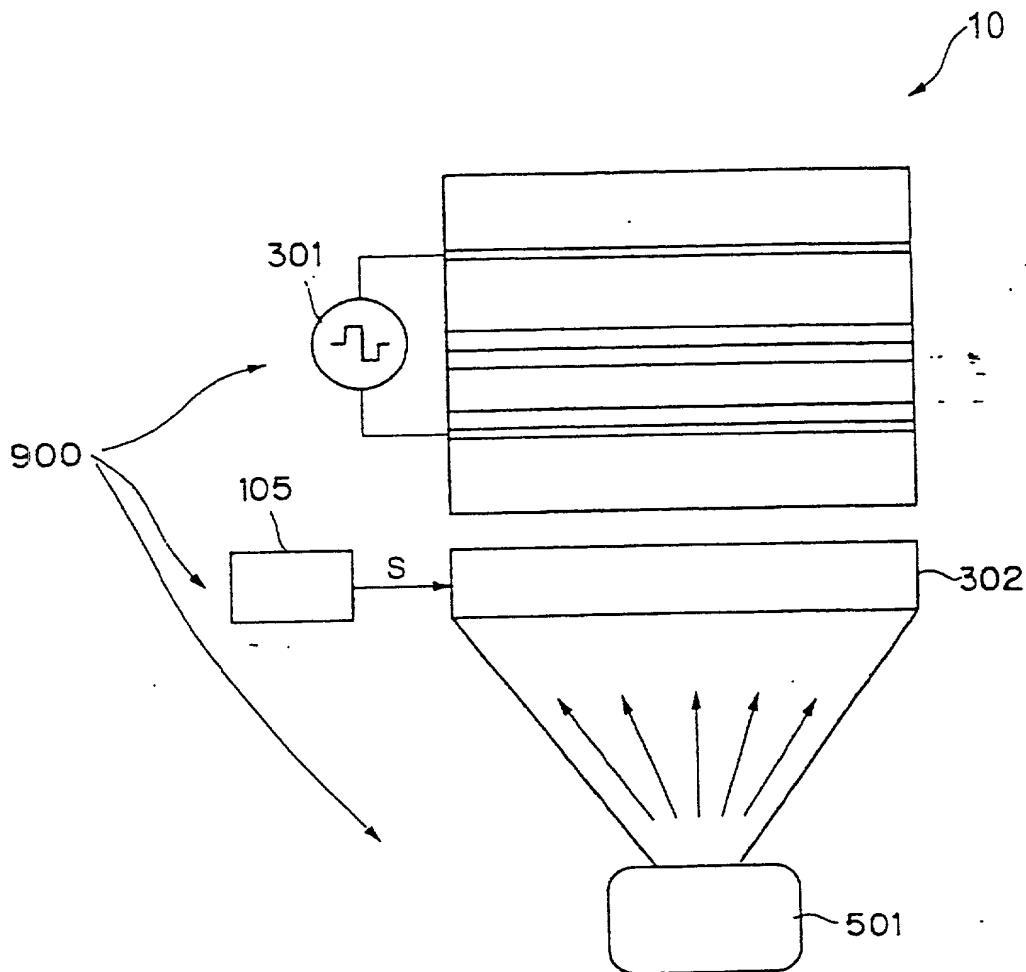


圖 17

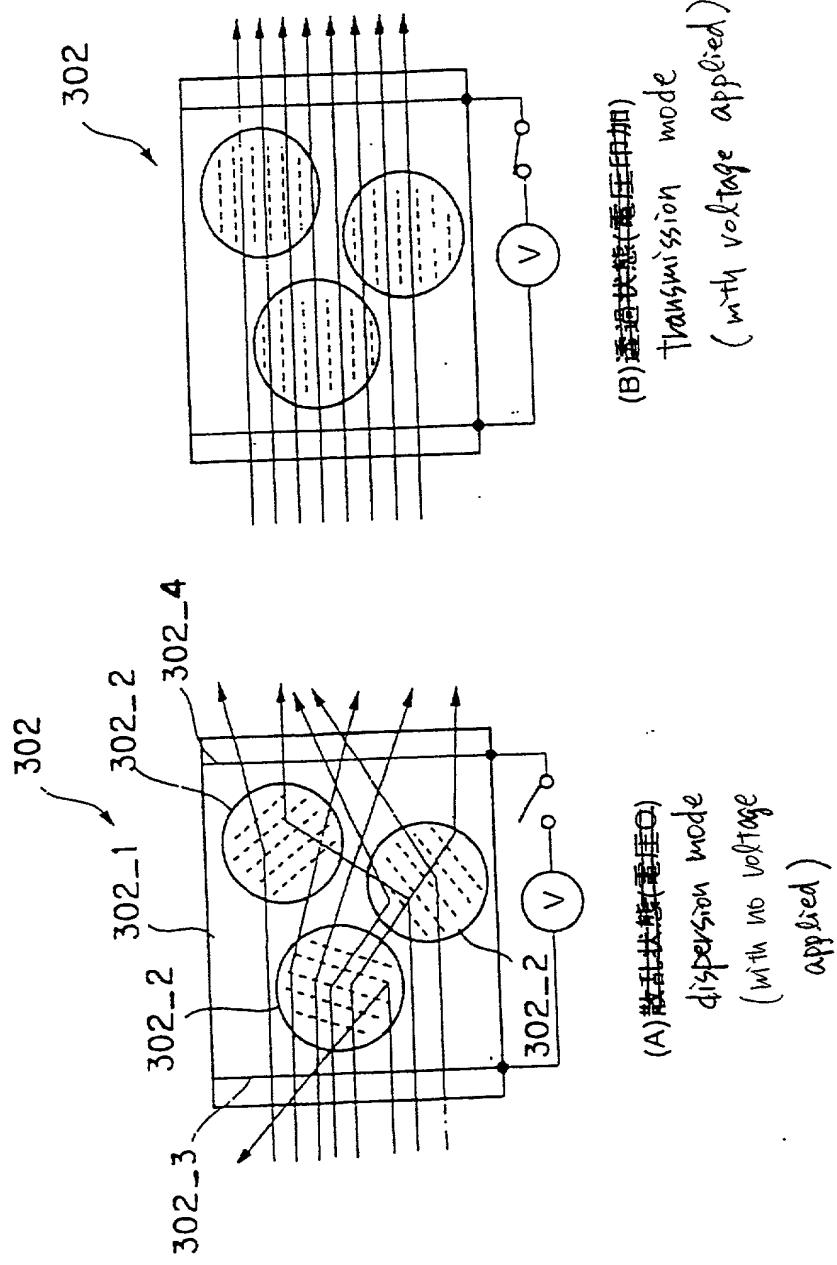


Fig. 18

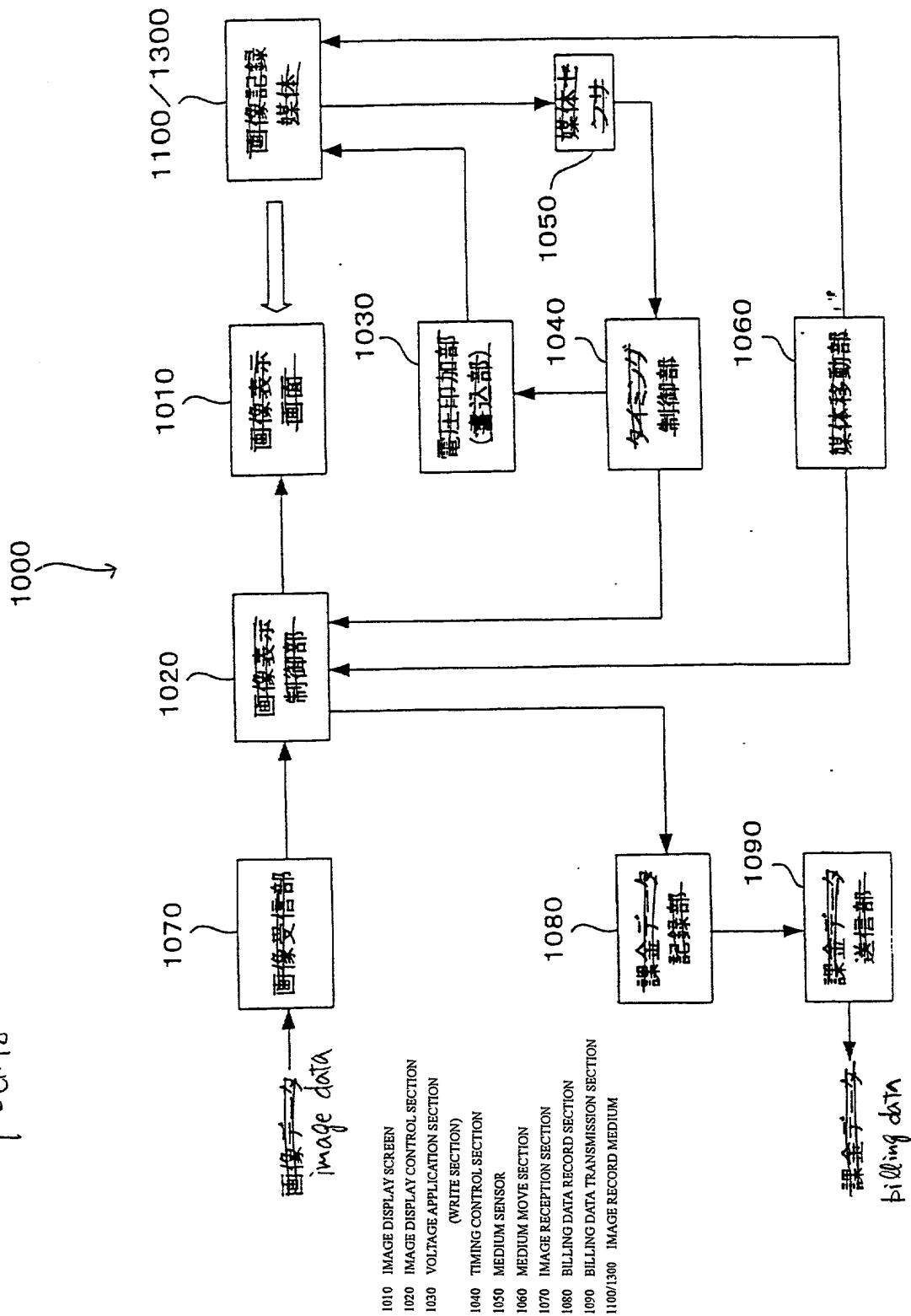


Fig. 19 (a)

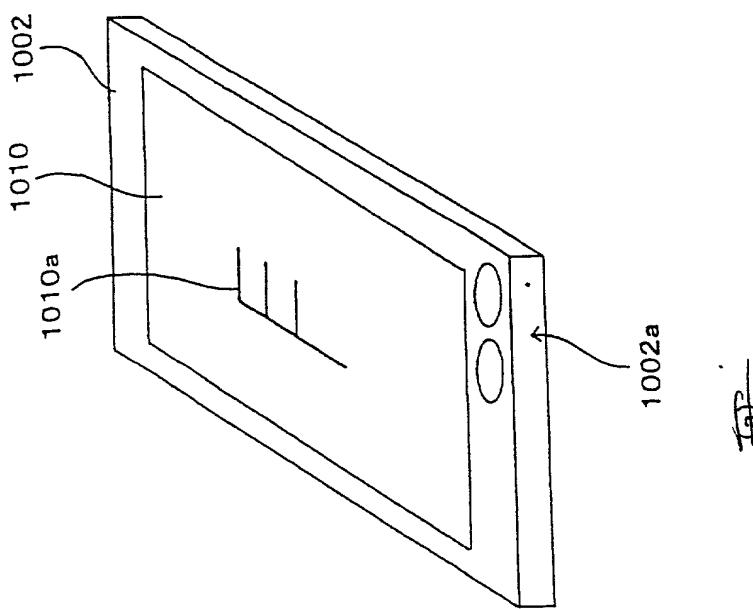


Fig. 19 (b)

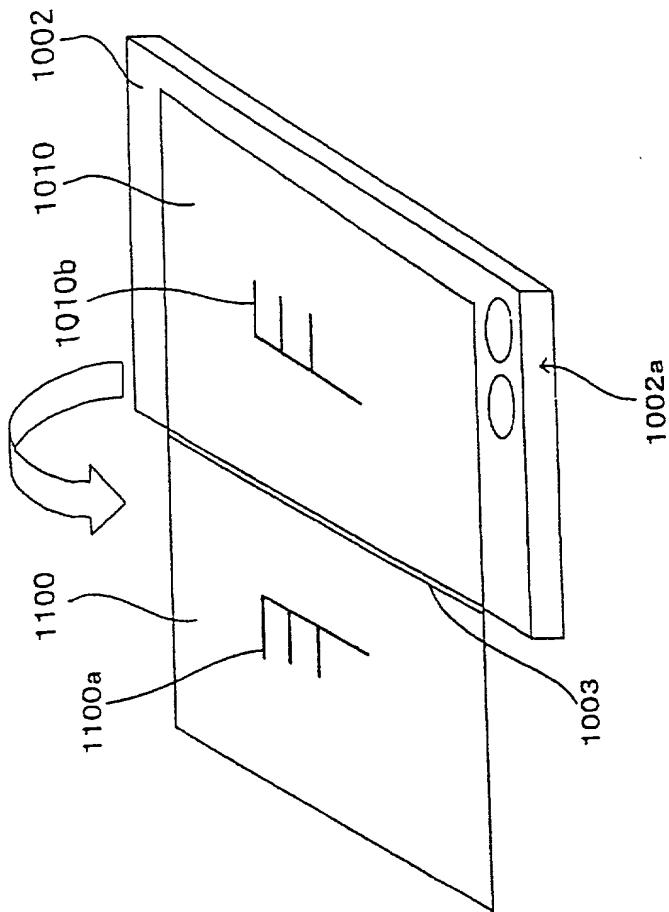
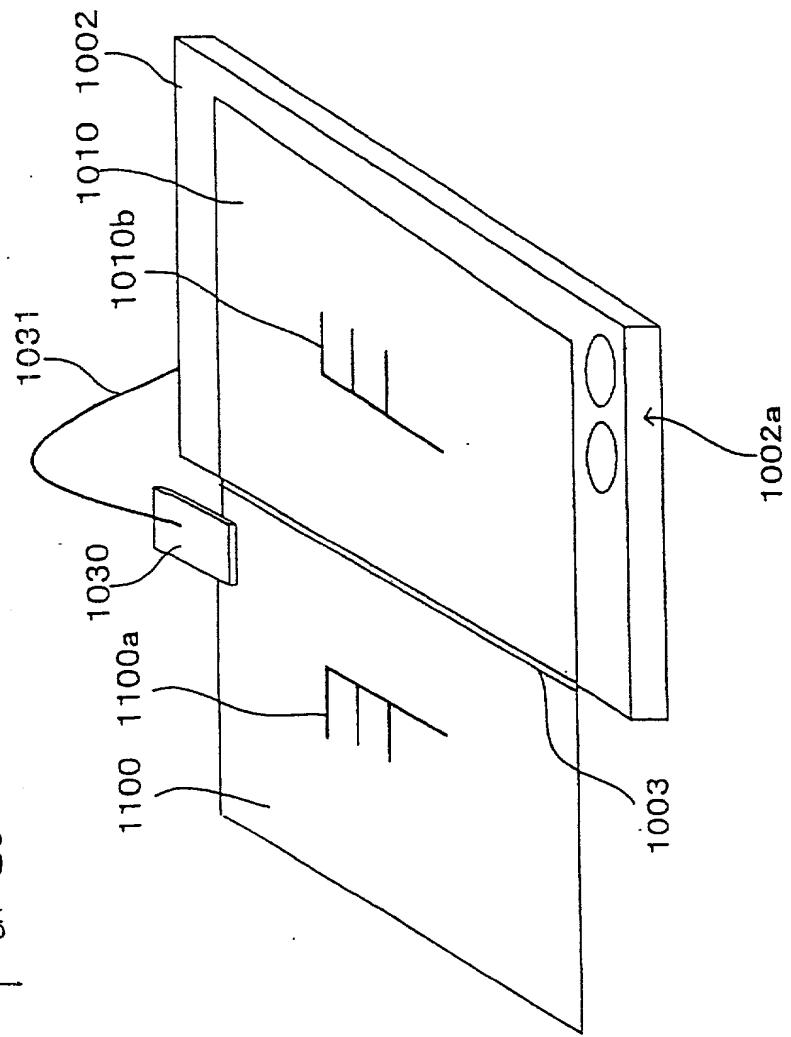


Fig. 20



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Fig. 2

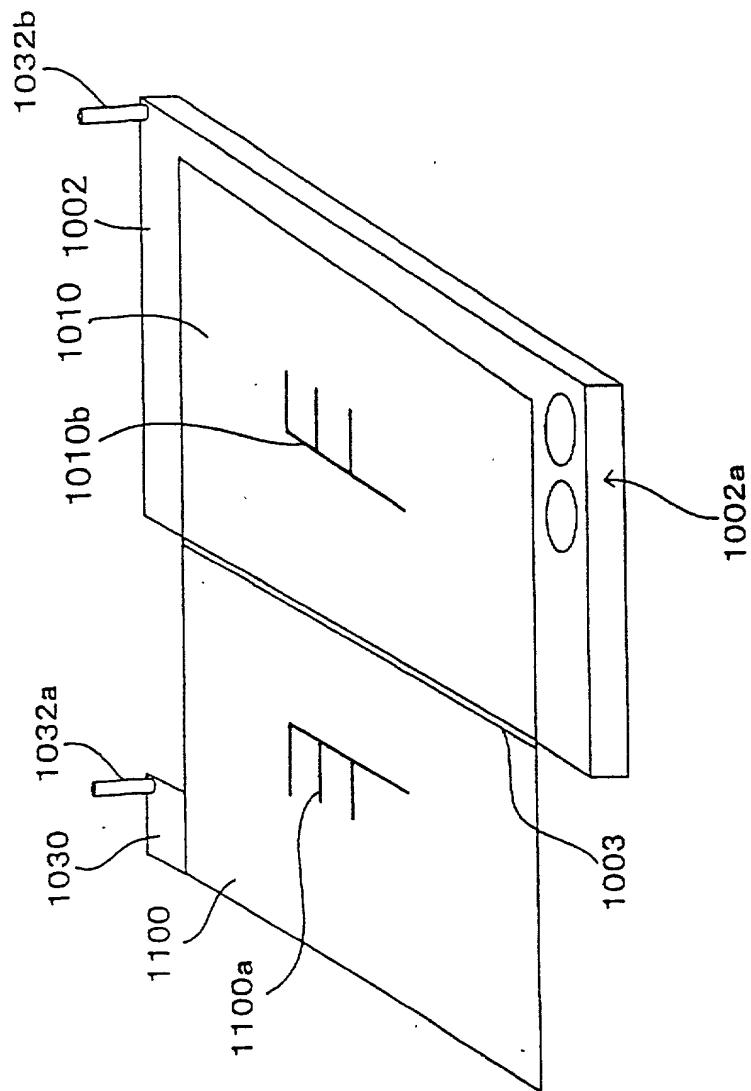
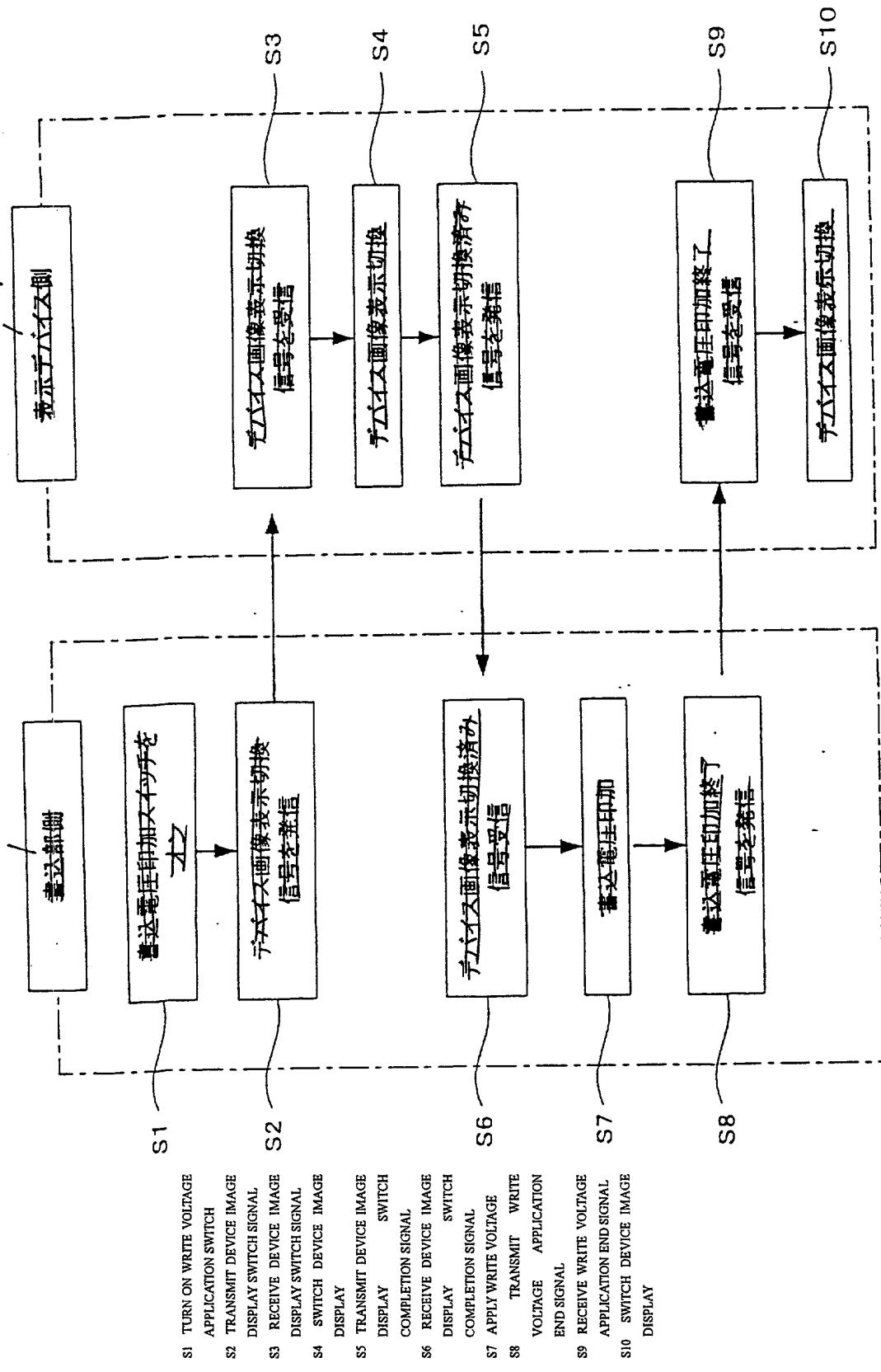


Fig. 22

## display device

## Write section

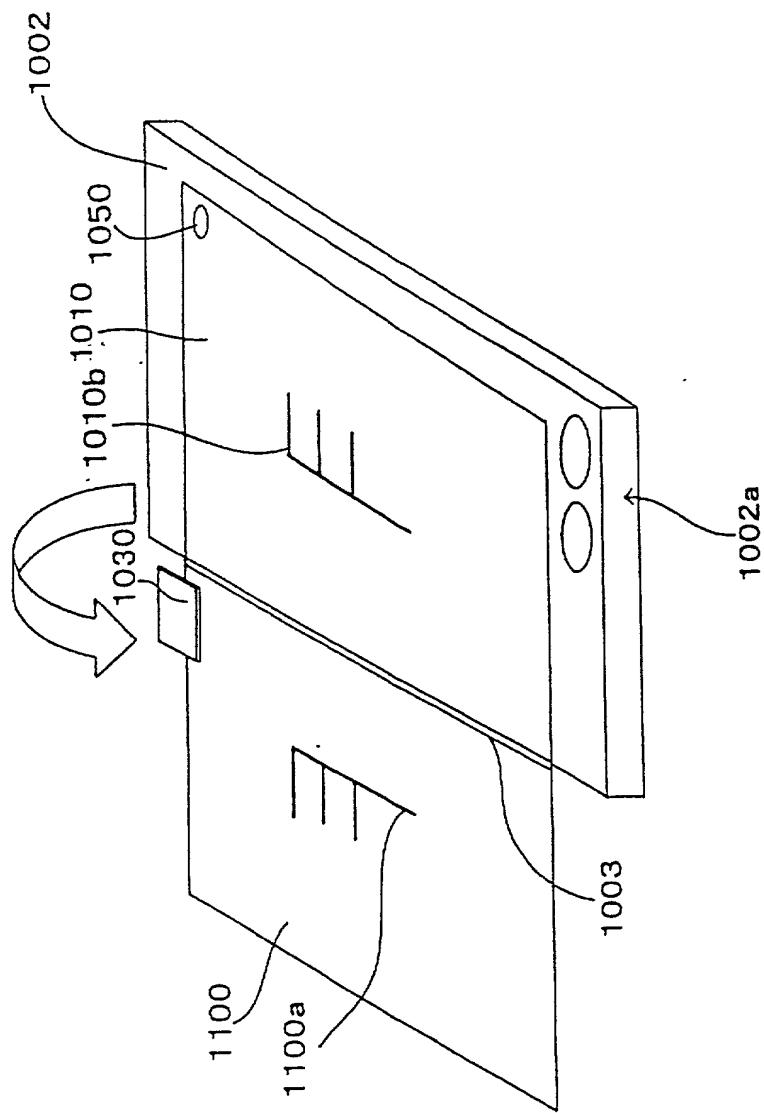


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22/40

2 3

Fig. 23



T-1 G. 24

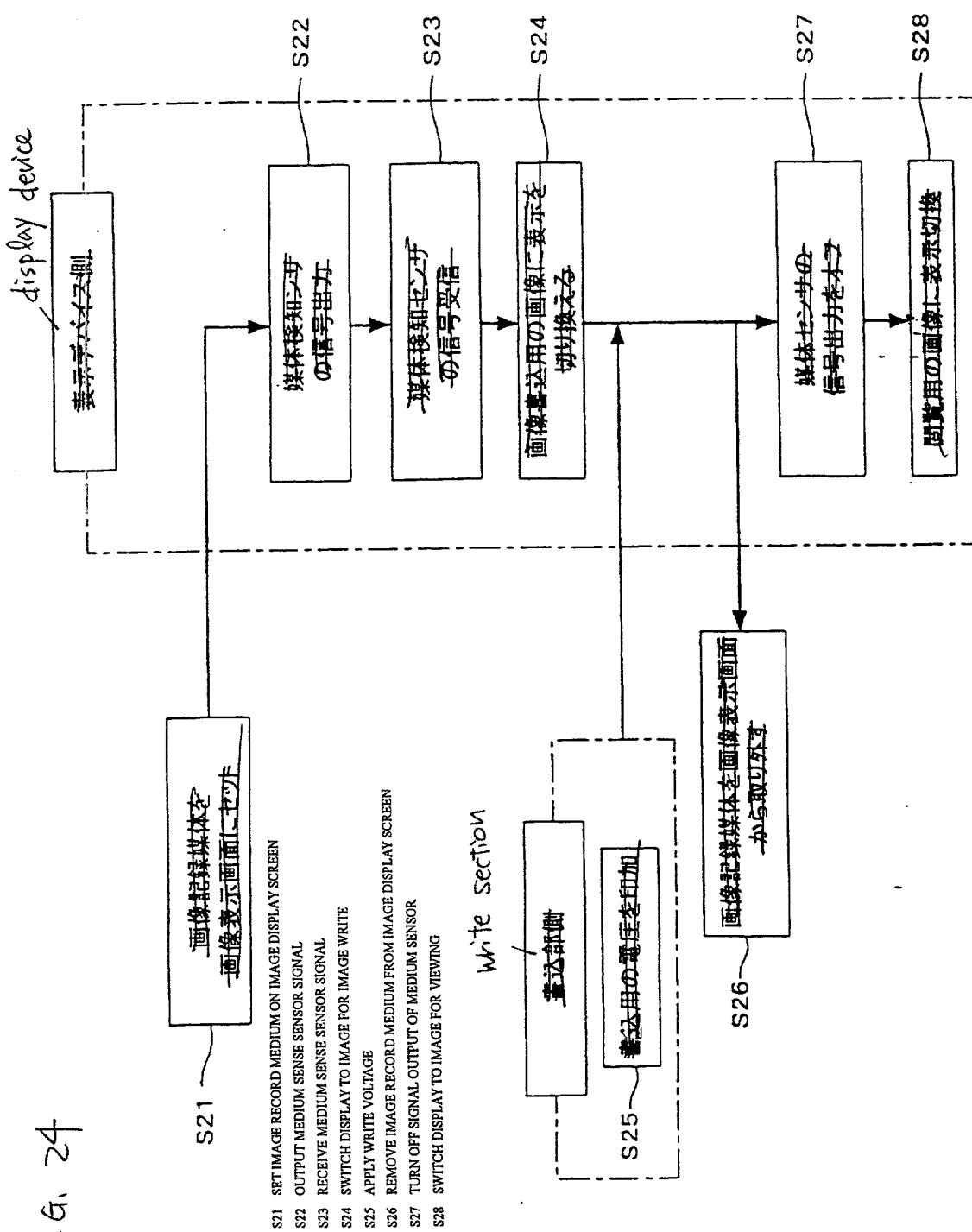
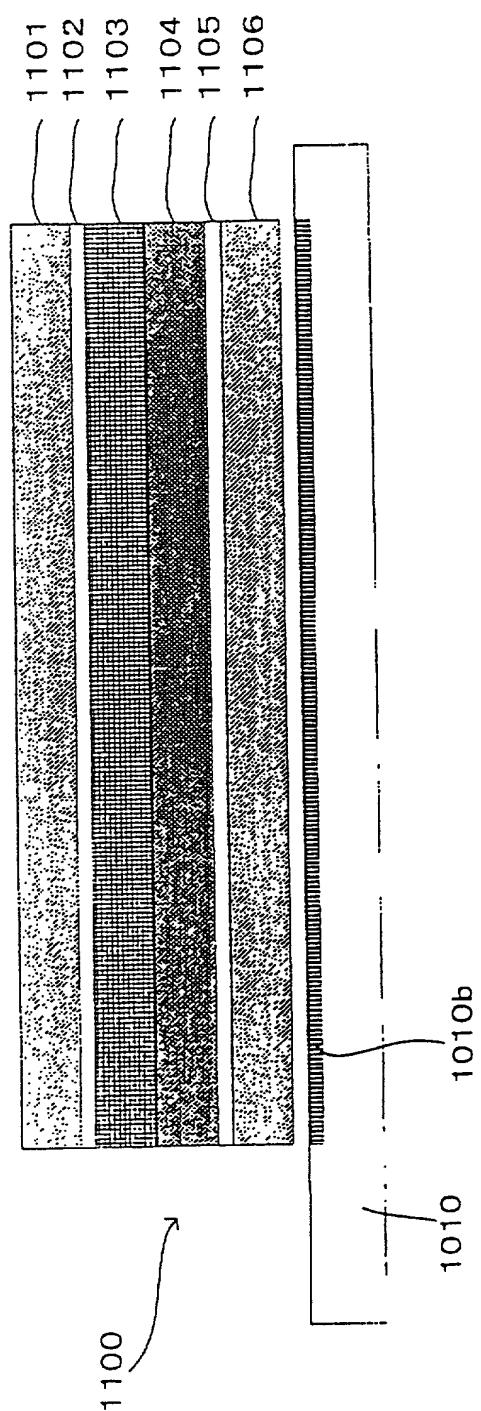


FIG 25

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[图 26]

Fig. 26

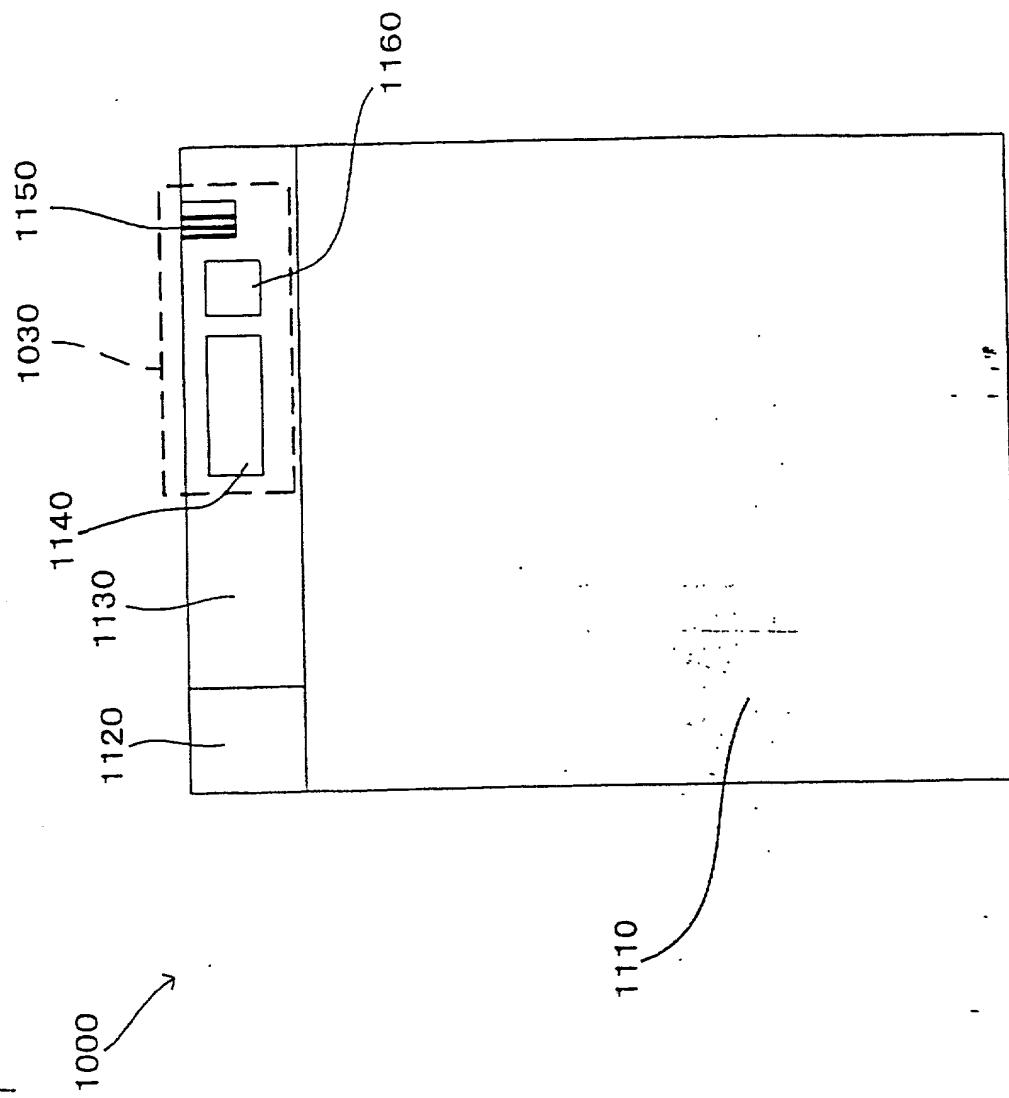
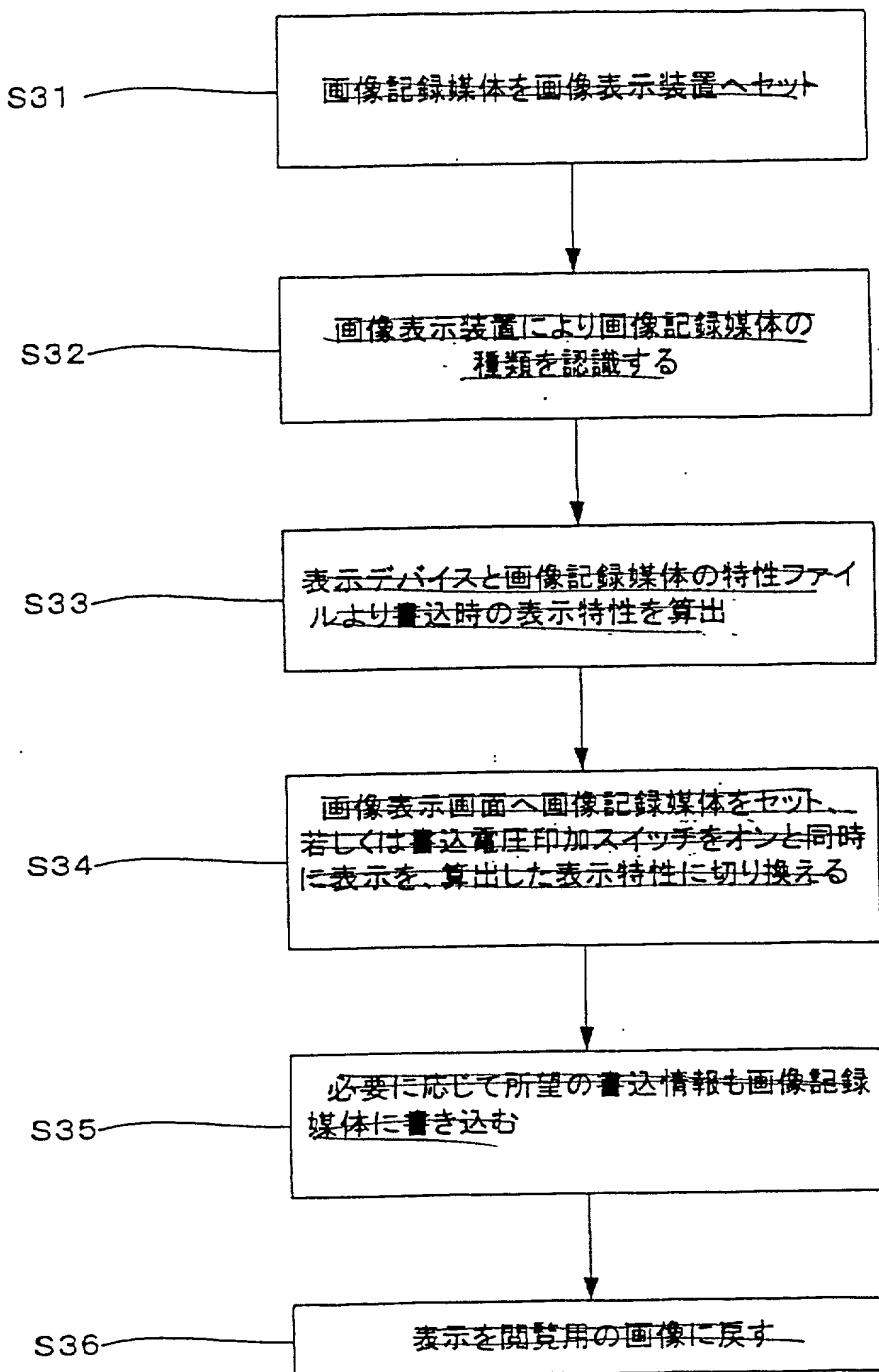


図27 F1 G. 27



S31 SET IMAGE RECORD MEDIUM ON OPTICAL WRITE APPARATUS

S32 RECOGNIZE TYPE OF IMAGE RECORD MEDIUM BY OPTICAL WRITE APPARATUS

S33 CALCULATE DISPLAY CHARACTERISTIC AT WRITE TIME FROM CHARACTERISTIC FILE OF IMAGE RECORD MEDIUM AND DISPLAY DEVICE

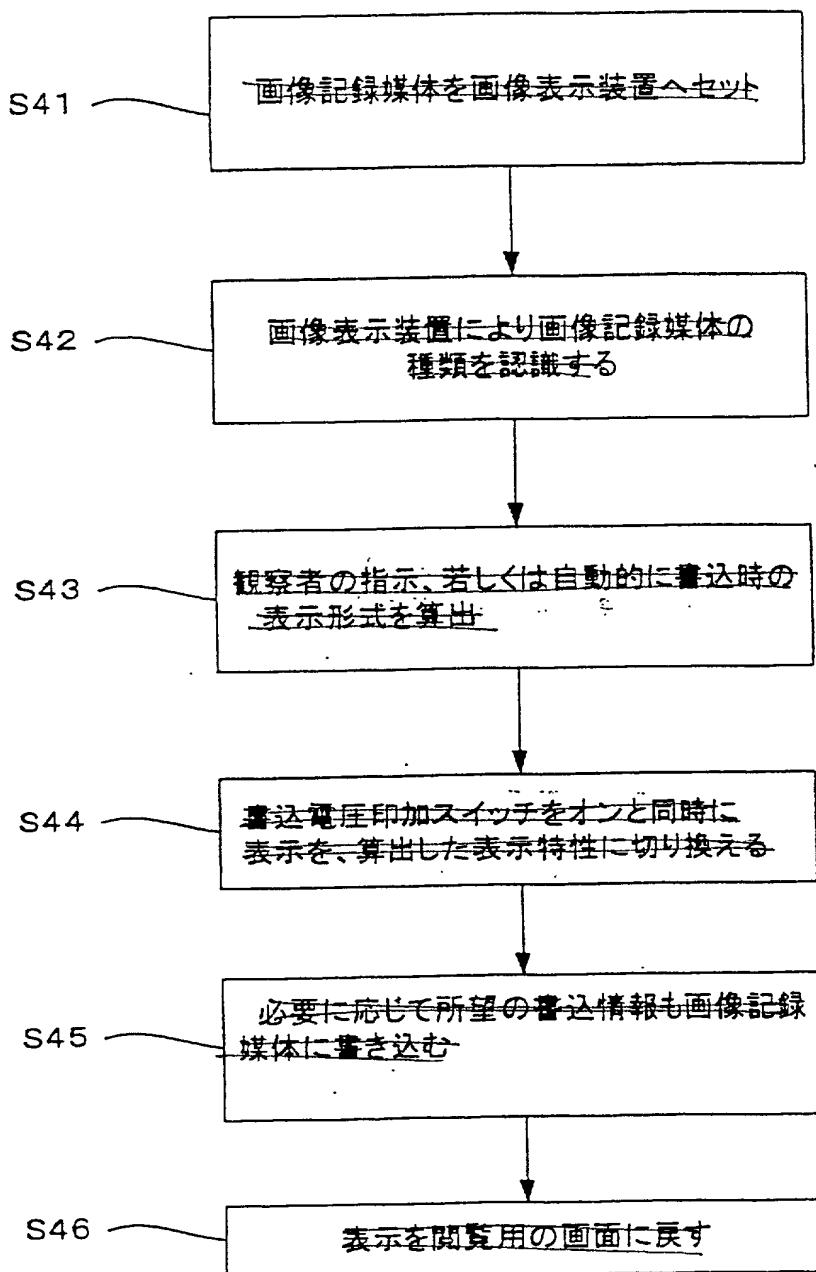
S34 SWITCH DISPLAY TO CALCULATED DISPLAY CHARACTERISTIC AT THE SAME TIME AS IMAGE RECORD MEDIUM IS SET ON IMAGE DISPLAY

SCREEN OR WRITE VOLTAGE APPLICATION SWITCH IS TURNED ON

S35 WRITE ALSO ANY DESIRED WRITE INFORMATION ONTO IMAGE RECORD MEDIUM AS REQUIRED

S36 RESTORE DISPLAY TO IMAGE FOR VIEWING

図2-8 Fig. 28



S41 SET IMAGE RECORD MEDIUM ON OPTICAL WRITE APPARATUS

S42 RECOGNIZE TYPE OF IMAGE RECORD MEDIUM BY OPTICAL WRITE APPARATUS

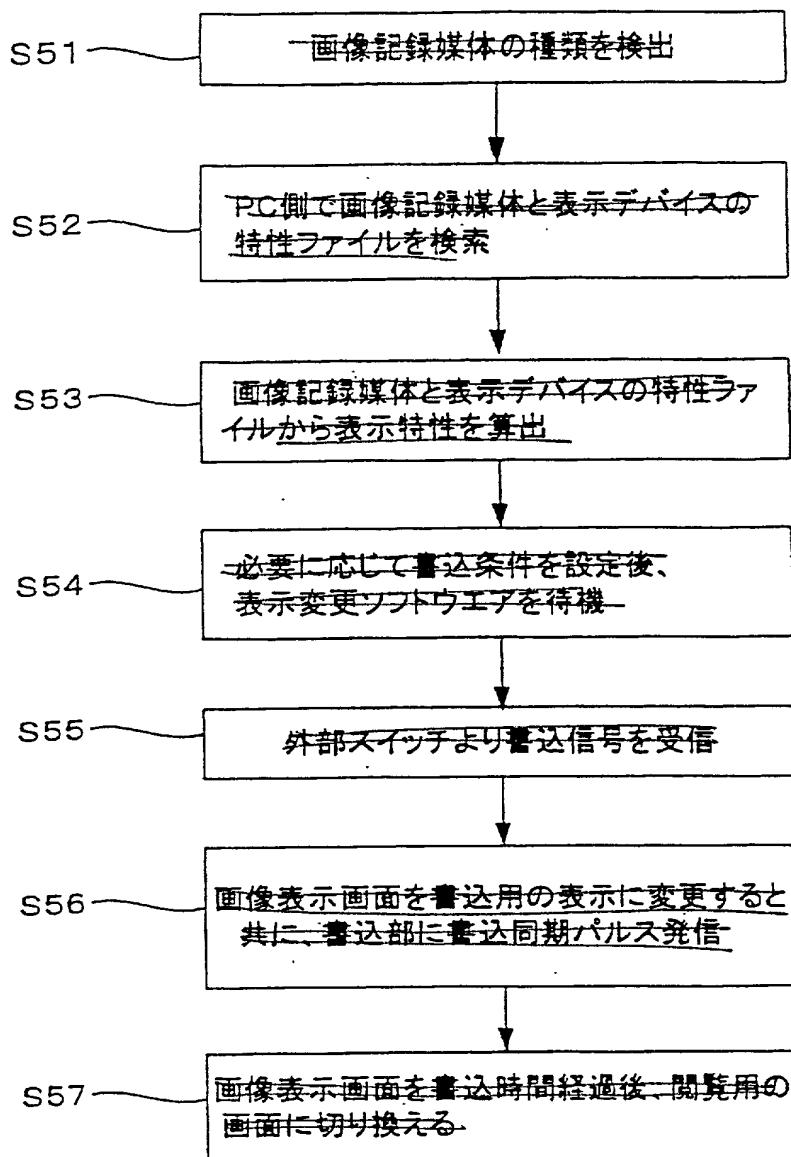
S43 CALCULATE DISPLAY FORMAT AT WRITE TIME AS INSTRUCTED BY OBSERVER OR AUTOMATICALLY

S44 SWITCH DISPLAY TO CALCULATED DISPLAY CHARACTERISTIC AT THE SAME TIME AS WRITE VOLTAGE APPLICATION SWITCH IS TURNED ON

S45 WRITE ALSO ANY DESIRED WRITE INFORMATION ONTO IMAGE RECORD MEDIUM AS REQUIRED

S46 RESTORE DISPLAY TO IMAGE FOR VIEWING

[図29] Fig. 29



S51 DETECT TYPE OF IMAGE RECORD MEDIUM

S52 SEARCH FOR CHARACTERISTIC FILE OF IMAGE RECORD MEDIUM AND DISPLAY DEVICE IN PC

S53 CALCULATE DISPLAY CHARACTERISTIC FROM CHARACTERISTIC FILE OF IMAGE RECORD MEDIUM AND DISPLAY DEVICE

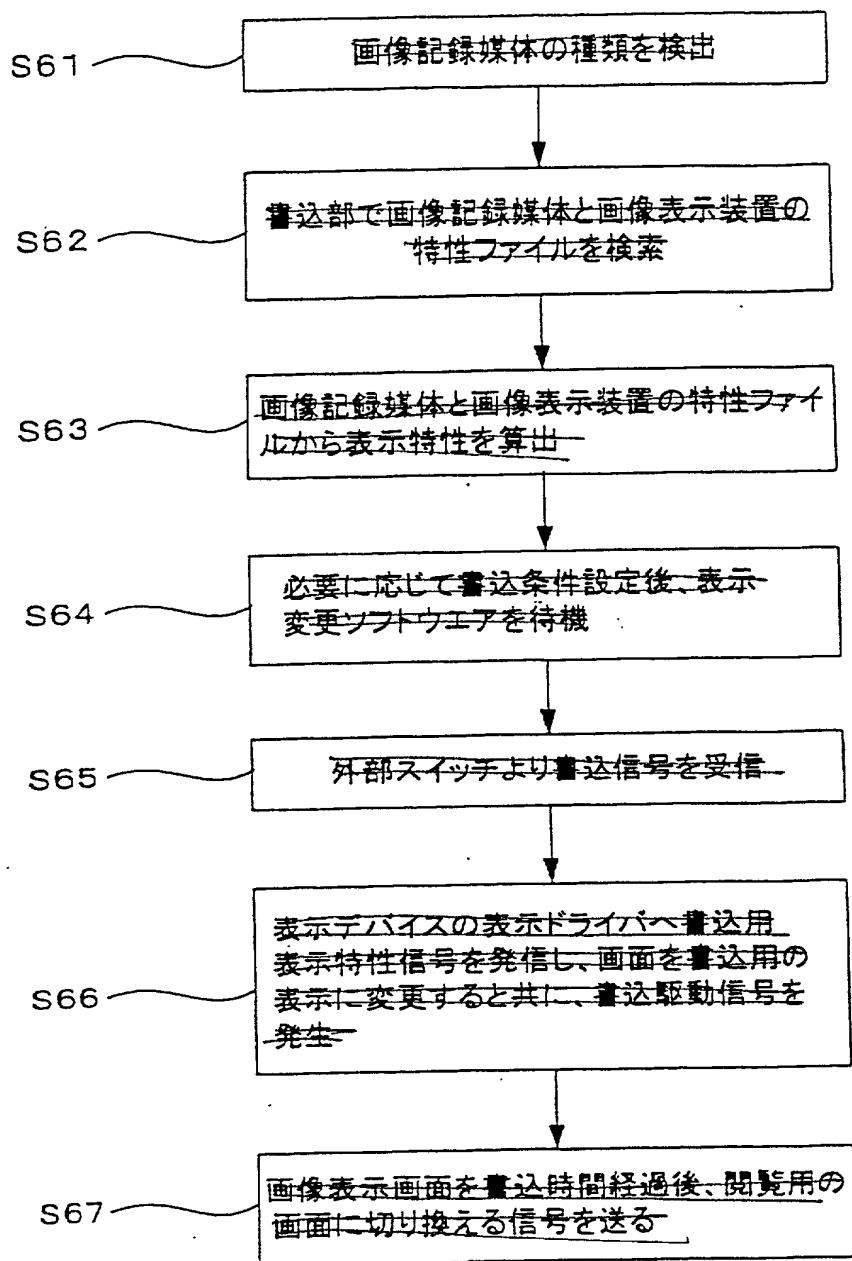
S54 SET WRITE CONDITION AS REQUIRED AND THEN MAKE DISPLAY CHANGE SOFTWARE WAIT

S55 RECEIVE WRITE SIGNAL FROM EXTERNAL SWITCH

S56 CHANGE IMAGE DISPLAY SCREEN TO DISPLAY FOR IMAGE WRITE AND TRANSMIT WRITE SYNCHRONIZATION PULSE TO WRITE SECTION

S57 SWITCH IMAGE DISPLAY SCREEN TO SCREEN FOR VIEWING AFTER EXPIRATION OF WRITE TIME

図30 FIG. 30



S61 DETECT TYPE OF IMAGE RECORD MEDIUM  
 S62 SEARCH FOR CHARACTERISTIC FILE OF IMAGE RECORD MEDIUM AND IMAGE DISPLAY IN WRITE SECTION  
 S63 CALCULATE DISPLAY CHARACTERISTIC FROM CHARACTERISTIC FILE OF IMAGE RECORD MEDIUM AND IMAGE DISPLAY  
 S64 SET WRITE CONDITION AS REQUIRED AND THEN MAKE DISPLAY CHANGE SOFTWARE WAIT  
 S65 RECEIVE WRITE SIGNAL FROM EXTERNAL SWITCH  
 S66 TRANSMIT WRITE DISPLAY CHARACTERISTIC SIGNAL TO DISPLAY DRIVER OF DISPLAY DEVICE, CHANGE SCREEN TO DISPLAY FOR IMAGE WRITE, AND GENERATE WRITE DRIVE SIGNAL  
 S67 SEND SIGNAL FOR SWITCHING IMAGE DISPLAY SCREEN TO SCREEN FOR VIEWING AFTER EXPIRATION OF WRITE TIME

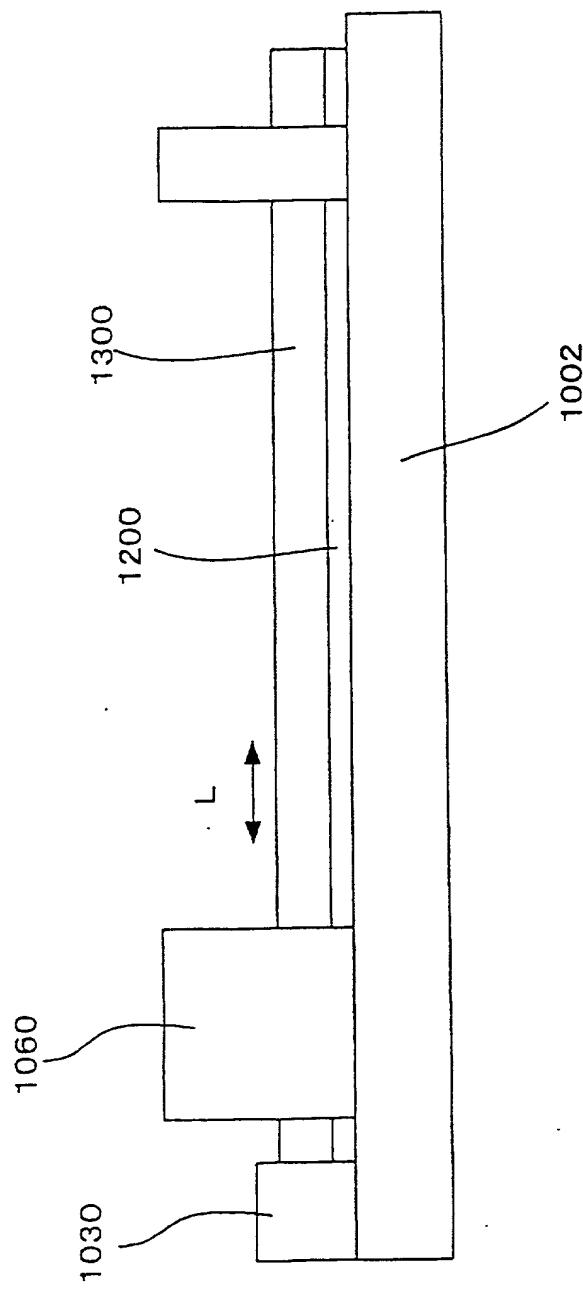
~~图31~~

Fig. 31

Fig. 32

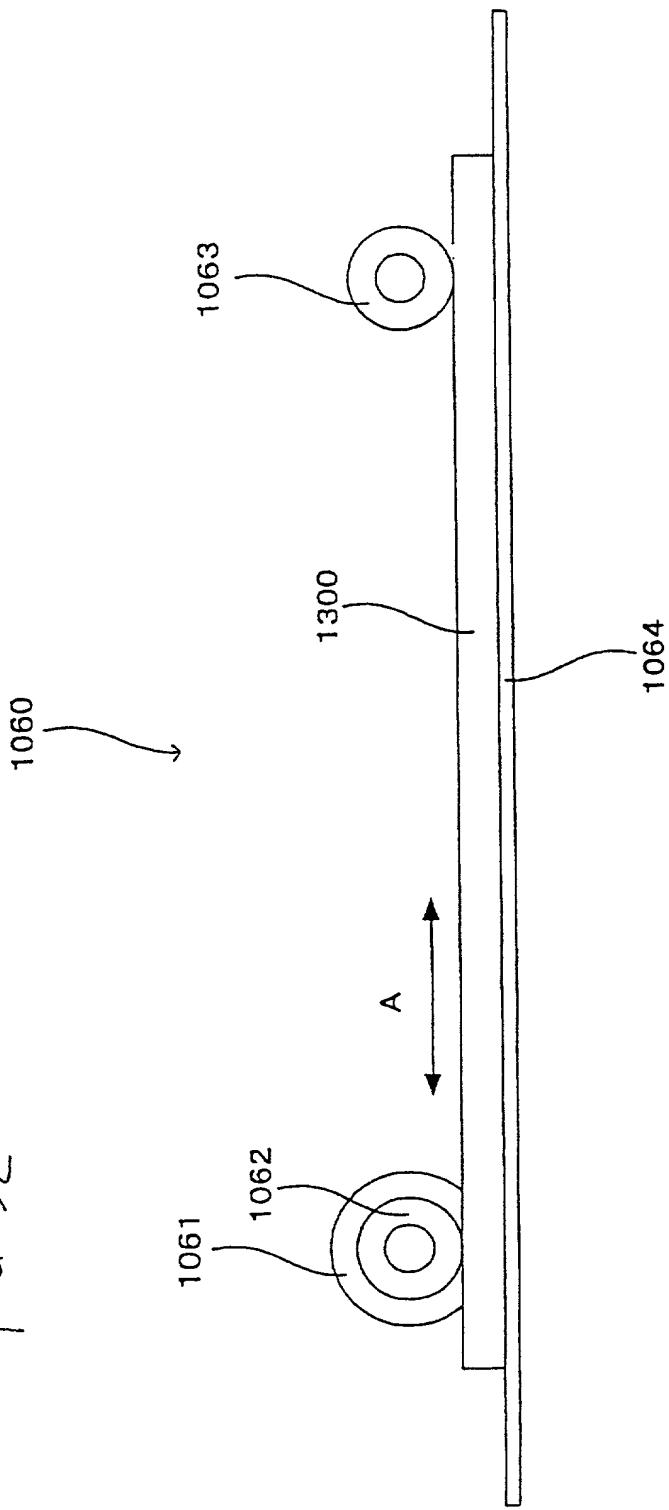


図33

Fig. 33

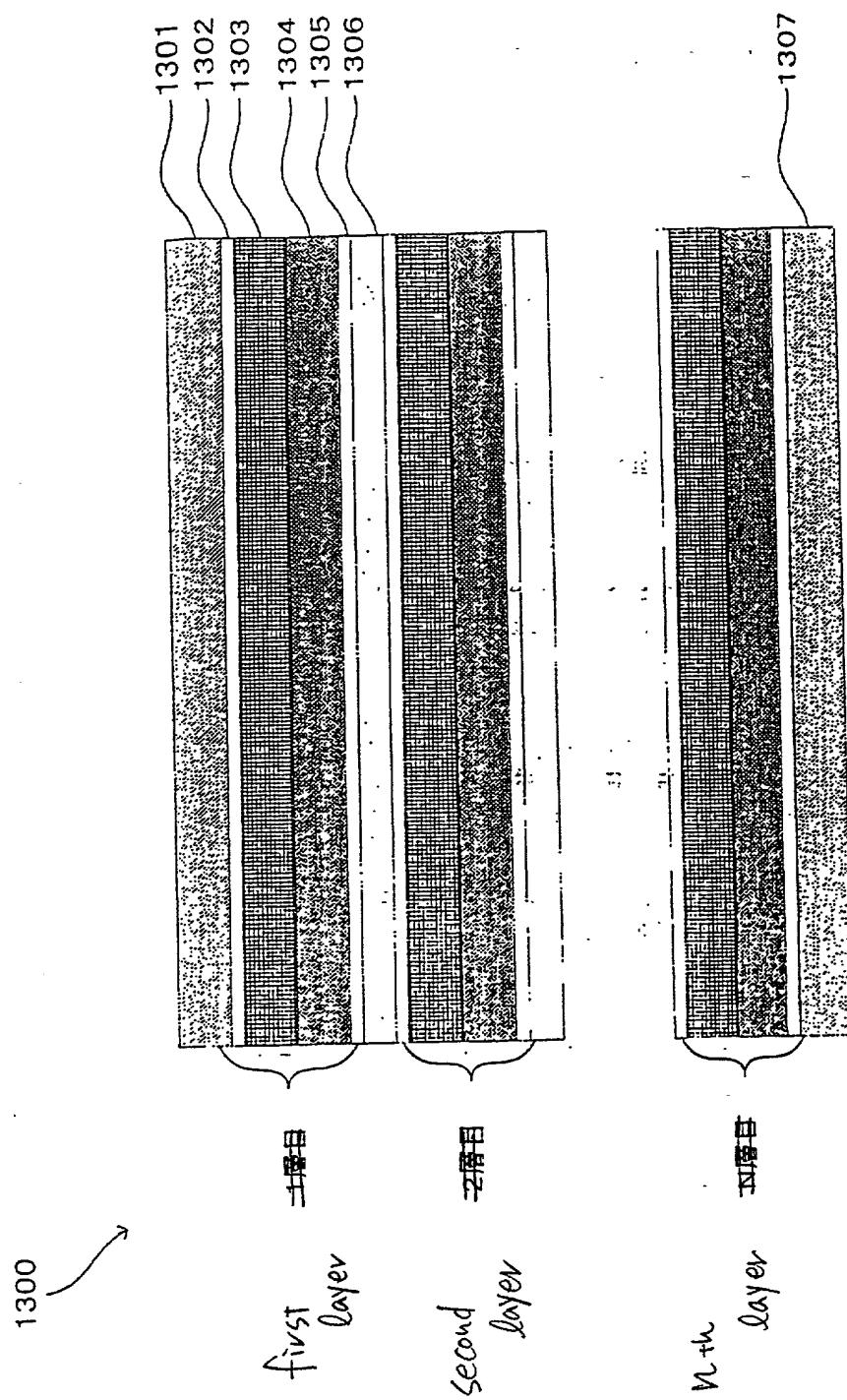
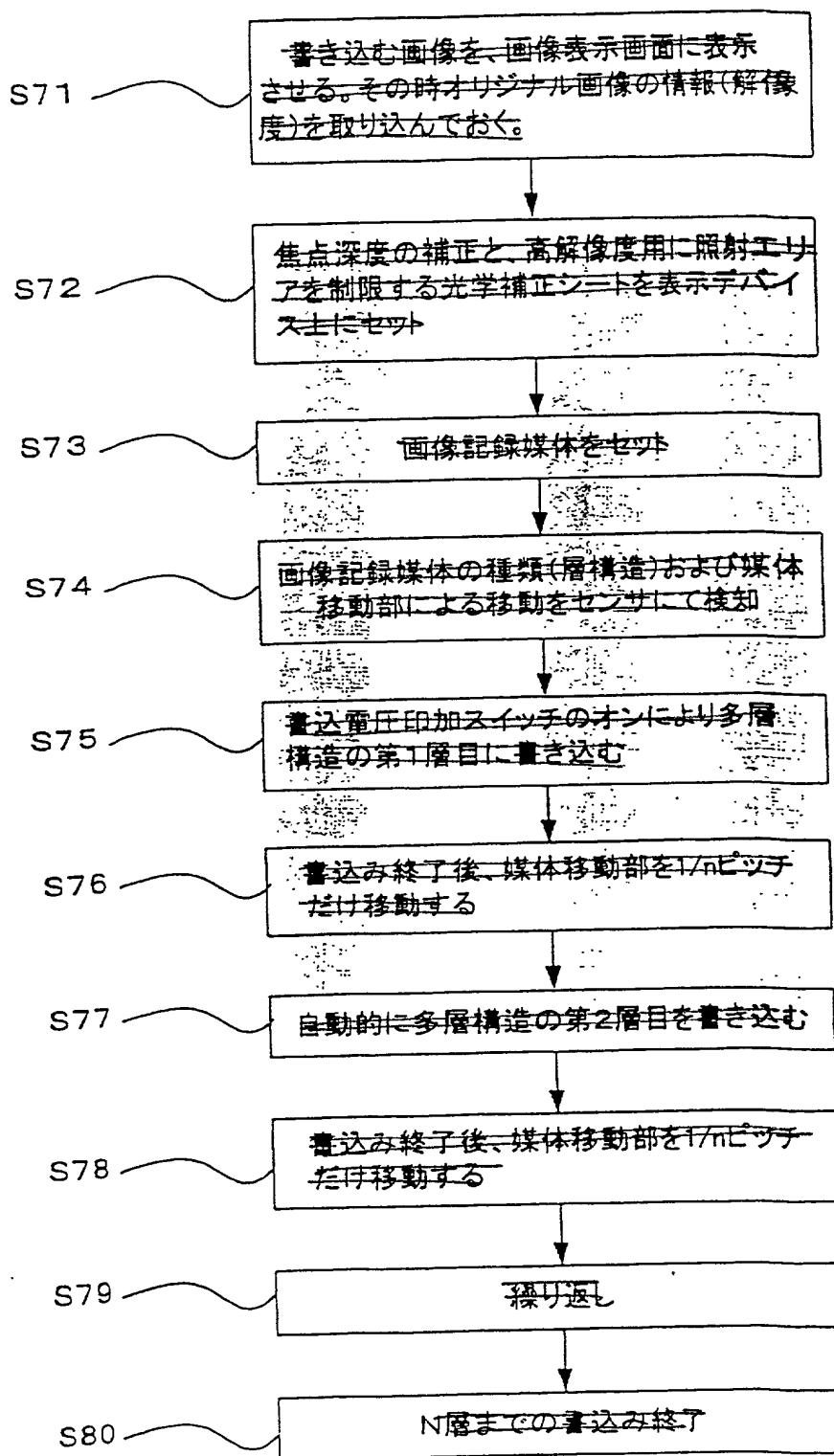


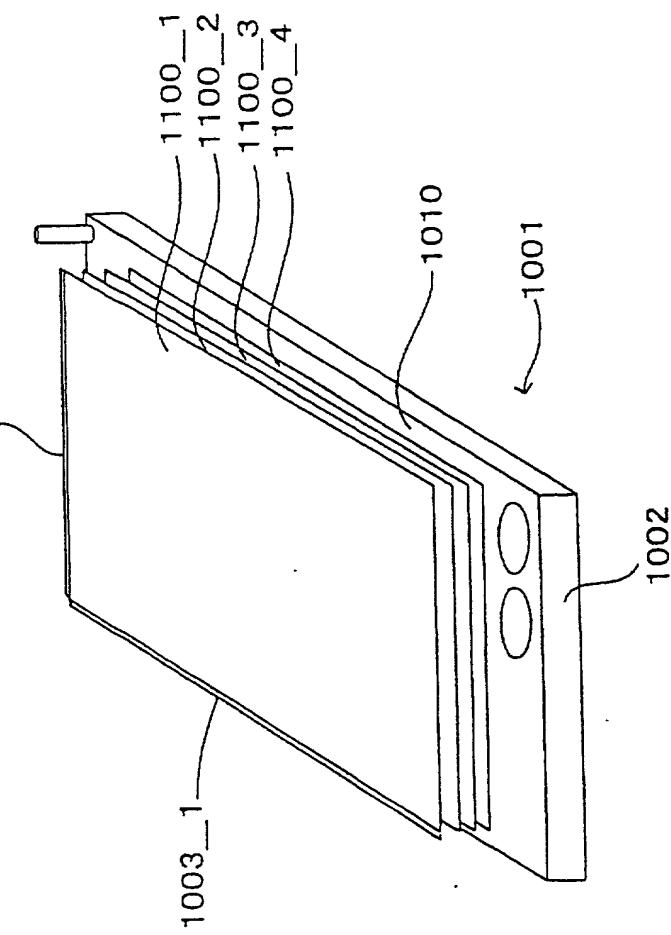
図34 FIG. 34



S71 DISPLAY IMAGE TO BE WRITTEN ON IMAGE DISPLAY SCREEN. AT THE TIME, READ INFORMATION ON ORIGINAL IMAGE (RESOLUTION).  
 S72 SET OPTICAL CORRECTION SHEET FOR CORRECTING DEPTH OF FOCUS AND LIMITING LIGHT APPLICATION AREA FOR HIGH RESOLUTION ON DISPLAY DEVICE  
 S73 SET IMAGE RECORD MEDIUM  
 S74 SENSE TYPE OF IMAGE RECORD MEDIUM (LAYERED STRUCTURE) AND MOVE MADE BY MEDIUM MOVE SECTION  
 S75 WRITE ONTO FIRST LAYER OF MULTILAYER STRUCTURE AS WRITE APPLICATION SWITCH IS TURNED ON  
 S76 AFTER WRITE TERMINATES, MOVE MEDIUM MOVE SECTION BY 1/n PITCHES  
 S77 AUTOMATICALLY WRITE ONTO SECOND LAYER OF MULTILAYER STRUCTURE  
 S78 AFTER WRITE TERMINATES, MOVE MEDIUM MOVE SECTION BY 1/n PITCHES  
 S79 REPEAT  
 S80 TERMINATE WRITE UPON COMPLETION OF WRITING ONTO NTH LAYER

Fig. 35

1003\_2



1003\_5

34/40

Fig. 36

1100\_3

1003\_2

1100\_1

1100\_2

1003\_1

1100\_1

1100\_4

1010b

1010

1001

1002'

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Fig. 37 (a)

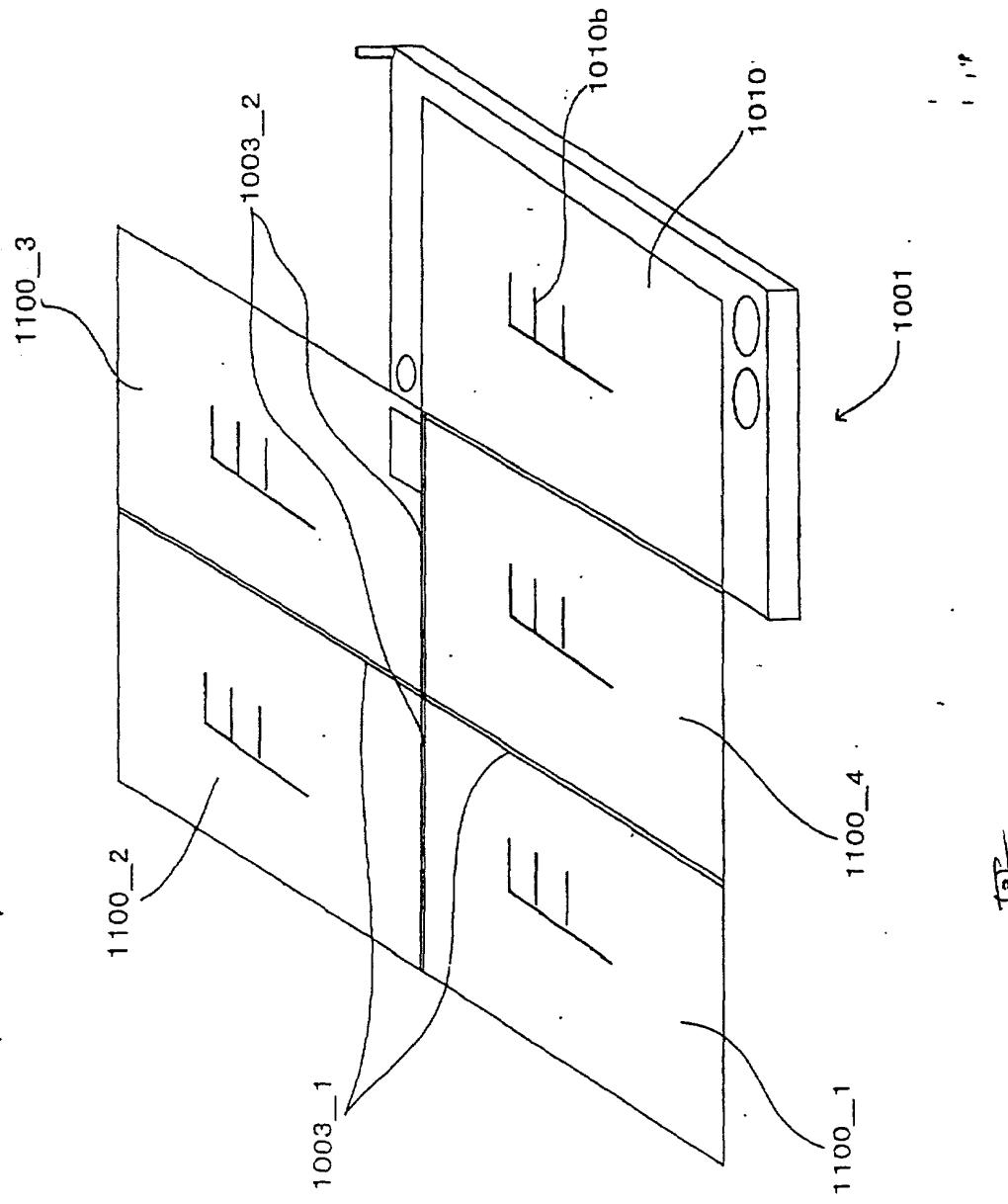
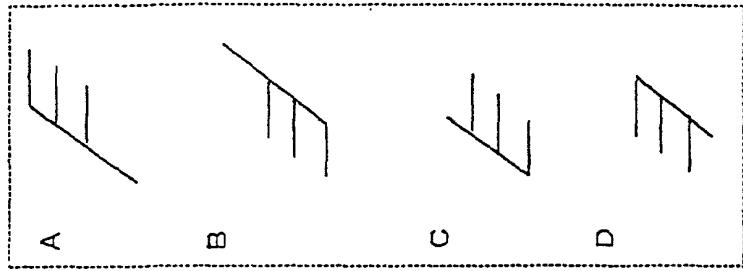


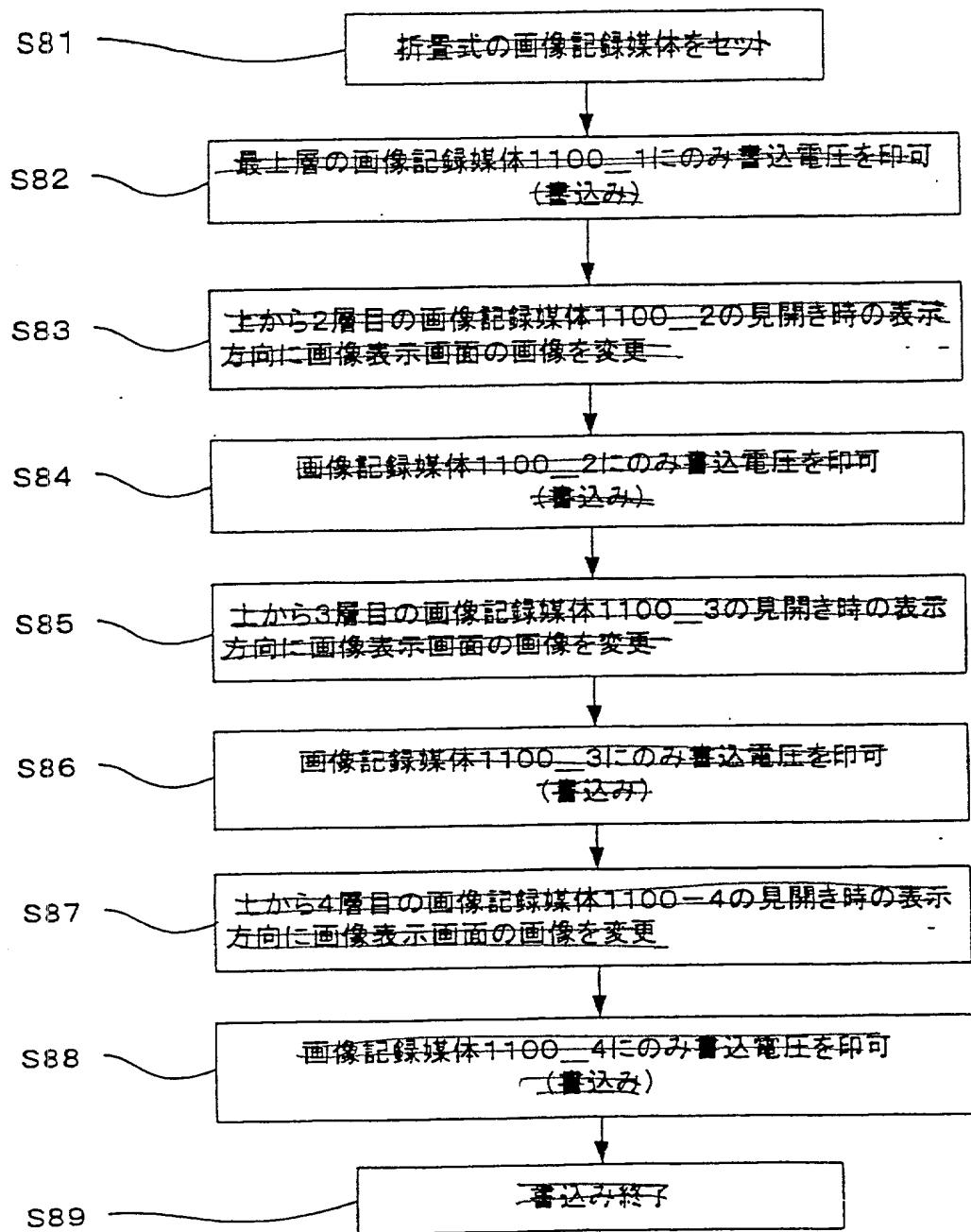
Fig. 37 (b)



37

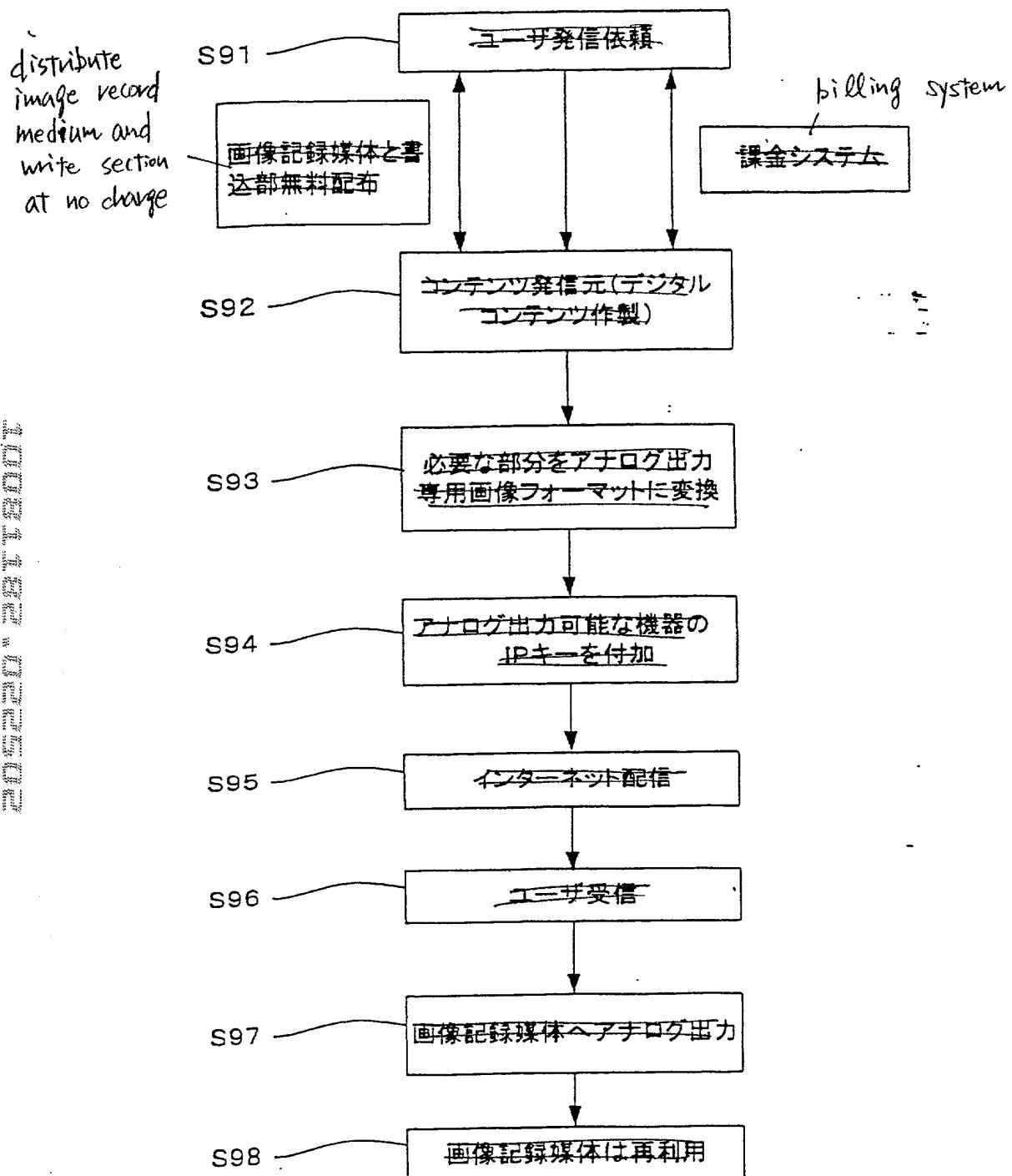
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[図38] FIG.38



S81 SET FOLDING IMAGE RECORD MEDIA  
 S82 APPLY WRITE VOLTAGE ONLY ONTO TOP IMAGE RECORD MEDIUM 1100\_1 (WRITE)  
 S83 CHANGE IMAGE ON IMAGE DISPLAY SCREEN TO DISPLAY ORIENTATION IN SPREAD MODE OF SECOND TOP IMAGE RECORD MEDIUM 1100\_2  
 S84 APPLY WRITE VOLTAGE ONLY ONTO IMAGE RECORD MEDIUM 1100\_2 (WRITE)  
 S85 CHANGE IMAGE ON IMAGE DISPLAY SCREEN TO DISPLAY ORIENTATION IN SPREAD MODE OF THIRD TOP IMAGE RECORD MEDIUM 1100\_3  
 S86 APPLY WRITE VOLTAGE ONLY ONTO IMAGE RECORD MEDIUM 1100\_3 (WRITE)  
 S87 CHANGE IMAGE ON IMAGE DISPLAY SCREEN TO DISPLAY ORIENTATION IN SPREAD MODE OF FOURTH TOP IMAGE RECORD MEDIUM 1100\_4  
 S88 APPLY WRITE VOLTAGE ONLY ONTO IMAGE RECORD MEDIUM 1100\_4 (WRITE)  
 S89 TERMINATE WRITE

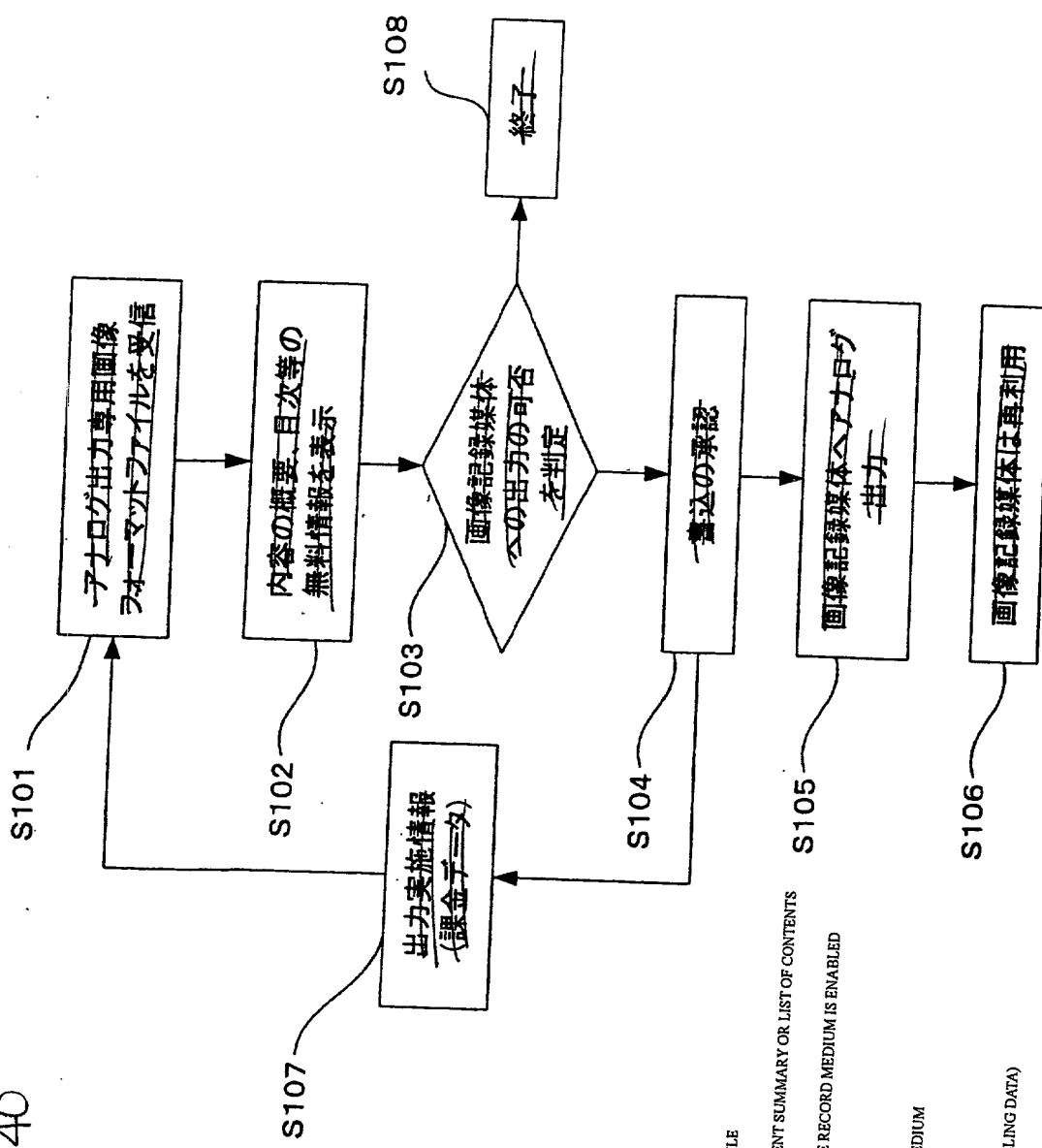
図39 → Fig. 39



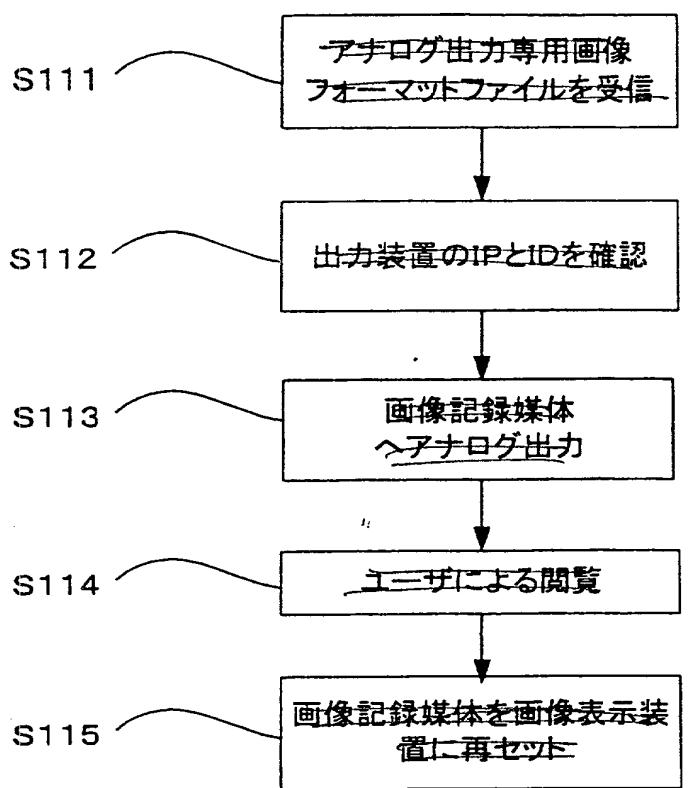
S91 USER'S DISTRIBUTION REQUEST  
 S92 CONTENT DISTRIBUTION SOURCE (DIGITAL CONTENT CREATOR)  
 S93 CONVERT NECESSARY PORTION INTO ANALOG OUTPUT DEDICATED IMAGE FORMAT  
 S94 ADD IP KEY OF MACHINE CAPABLE OF ANALOG OUTPUT  
 S95 CONDUCT INTERNET DISTRIBUTION  
 S96 RECEIVE BY USER  
 S97 ANALOG OUTPUT TO IMAGE RECORD MEDIUM  
 S98 REUSE IMAGE RECORD MEDIUM

Fig. 4D

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S101 RECEIVE ANALOG OUTPUT DEDICATED IMAGE FORMAT FILE  
 S102 DISPLAY FREE-OF-CHARGE INFORMATION SUCH AS CONTENT SUMMARY OR LIST OF CONTENTS  
 S103 DETERMINE WHETHER OR NOT OUTPUT (WRITE) TO IMAGE RECORD MEDIUM IS ENABLED  
 S104 APPROVE WRITE  
 S105 PERFORM ANALOG OUTPUT (WRITE) TO IMAGE RECORD MEDIUM  
 S106 REUSE IMAGE RECORD MEDIUM  
 S107 INFORMATION INDICATING THAT OUTPUT IS EXECUTED (BILLING DATA)  
 S108 TERMINATE SEQUENCE



S111 RECEIVE ANALOG OUTPUT DEDICATED IMAGE FORMAT FILE  
 S112 CHECK IP AND ID OF OUTPUT UNIT  
 S113 PERFORM ANALOG OUTPUT (WRITE) TO IMAGE RECORD MEDIUM  
 S114 VIEW RECEIVED IMAGE BY USER  
 S115 AGAIN SET IMAGE RECORD MEDIUM ON OPTICAL WRITE APPARATUS